

GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

Run on: September 13, 2005, 15:40:10 ; Search time 43 Seconds

(without alignments)
404,494 Million cell updates/sec

Title: US-09-597-920B-4

Perfect score: 1227
Sequence: 1 MEAAIVPCVGLLPIA.....FAEEVEEGADPYENIOELN 233

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%
Listing first 45 summaries

Database :

- 1: /cgn2_6/prodata/1/iaa/5A_COMB.pep.*
- 2: /cgn2_6/prodata/1/iaa/5B_COMB.pep.*
- 3: /cgn2_6/prodata/1/iaa/6A_COMB.pep.*
- 4: /cgn2_6/prodata/1/iaa/6B_COMB.pep.*
- 5: /cgn2_6/prodata/1/iaa/PCUS_COMB.pep.*
- 6: /cgn2_6/prodata/1/iaa/backfile1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1202.5	98.0	262	4	US-09-949-016-8622 Sequence 8622, Ap
2	116	9.5	2090	4	US-09-538-092-1081 Sequence 1081, Ap
3	116	9.5	2120	4	US-09-949-016-9768 Sequence 9768, Ap
4	113.5	9.3	2414	4	US-08-227-536-2 Sequence 2, Appl
5	113.5	9.3	2414	4	US-09-538-092-1289 Sequence 1289, Ap
6	113.5	9.3	2414	5	PCT-US95-04682-2 Sequence 2, Appl
7	112	9.1	520	4	US-09-949-016-9918 Sequence 9918, Ap
8	112	9.1	1958	4	US-07-945-283-2 Sequence 2, Appl
9	111	9.0	455	4	US-09-270-767-45531 Sequence 45531, A
10	110	9.0	571	4	US-09-252-991A-30533 Sequence 30533, A
11	106.5	8.7	1298	2	US-08-630-873-2 Sequence 2, Appl
12	106.5	8.7	1298	3	US-09-259-821A-2 Sequence 2, Appl
13	106.5	8.7	1298	3	US-08-843-659-2 Sequence 2, Appl
14	106.5	8.7	1298	4	US-09-825-288A-2 Sequence 2, Appl
15	106	8.6	1026	4	US-09-949-016-6777 Sequence 6777, Ap
16	106	8.6	1034	4	US-09-949-016-10870 Sequence 10870, A
17	105.5	8.6	4019	4	US-09-854-133-425 Sequence 425, App
18	105	8.6	520	4	US-09-107-433-3721 Sequence 3721, Ap
19	104.5	8.5	802	4	US-09-823-240A-2 Sequence 2, Appl
20	104.5	8.5	1219	4	US-09-344-624-4 Sequence 4, Appl
21	104	8.5	2441	3	US-08-194-468-2 Sequence 2, Appl
22	104	8.5	2441	3	US-08-961-739-2 Sequence 2, Appl
23	104	8.5	2441	3	US-09-514-247A-8 Sequence 8, Appl
24	104	8.5	2441	4	US-09-686-316-2 Sequence 2, Appl
25	104	8.5	2442	3	US-09-514-247A-10 Sequence 10, Appl
26	104	8.5	2442	4	US-09-538-092-1370 Sequence 1370, Ap
27	103.5	8.4	865	3	US-09-281-766-19 Sequence 19, Appl

28	103.5	8.4	865	4	US-09-612-858-19	Sequence 19, Appl
29	103.5	8.4	865	4	US-09-957-995A-19	Sequence 19, Appl
30	103	8.4	300	4	US-09-949-016-5962	Sequence 5962, Ap
31	103	8.4	329	4	US-09-949-016-10363	Sequence 10363, A
32	102	8.3	310	4	US-09-270-767-46043	Sequence 46043, A
33	101	8.2	280	4	US-09-949-016-11646	Sequence 11646, A
34	101	8.2	1048	4	US-09-171-699-10	Sequence 10, Appl
35	100.5	8.2	580	4	US-09-270-767-41648	Sequence 41648, A
36	100.5	8.2	961	4	US-09-538-092-1231	Sequence 1231, Ap
37	100.5	8.2	1065	4	US-09-949-016-11618	Sequence 11618, A
38	100.5	8.2	1187	1	US-08-320-559-28	Sequence 28, Appl
39	100.5	8.2	1187	5	US-08-545-860D-28	Sequence 28, Appl
40	100.5	8.2	1187	3	PCT-US94-04496-28	Sequence 28, Appl
41	100.5	8.2	1210	1	US-08-320-559-26	Sequence 26, Appl
42	100.5	8.2	1210	3	US-08-545-860D-26	Sequence 26, Appl
43	100.5	8.2	1210	4	US-09-538-092-1179	Sequence 1179, Ap
44	100.5	8.2	1210	5	PCT-US94-04496-26	Sequence 26, Appl
45	100	8.1	739	4	US-09-902-540-10606	Sequence 10606, A

ALIGNMENTS

RESULT 1
US-09-949-016-8622
; Sequence 8622, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 8622
; LENGTH: 262
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-8622

Query Match	98.0%	Score 1202.5	DB 4	Length 262
Best Local Similarity	88.9%	Pred. No. 1.5e-103		
Matches 233	Conservative	0	Mismatches 0	Indels 29
				Gaps 1
1	MEAAIVPCVGLLPIA	1	MEAAIVPCVGLLPIA	1
2	MEAAIVPCVGLLPIA	2	MEAAIVPCVGLLPIA	2
3	MEAAIVPCVGLLPIA	3	MEAAIVPCVGLLPIA	3
4	MEAAIVPCVGLLPIA	4	MEAAIVPCVGLLPIA	4
5	MEAAIVPCVGLLPIA	5	MEAAIVPCVGLLPIA	5
6	MEAAIVPCVGLLPIA	6	MEAAIVPCVGLLPIA	6
7	MEAAIVPCVGLLPIA	7	MEAAIVPCVGLLPIA	7
8	MEAAIVPCVGLLPIA	8	MEAAIVPCVGLLPIA	8
9	MEAAIVPCVGLLPIA	9	MEAAIVPCVGLLPIA	9
10	MEAAIVPCVGLLPIA	10	MEAAIVPCVGLLPIA	10
11	MEAAIVPCVGLLPIA	11	MEAAIVPCVGLLPIA	11
12	MEAAIVPCVGLLPIA	12	MEAAIVPCVGLLPIA	12
13	MEAAIVPCVGLLPIA	13	MEAAIVPCVGLLPIA	13
14	MEAAIVPCVGLLPIA	14	MEAAIVPCVGLLPIA	14
15	MEAAIVPCVGLLPIA	15	MEAAIVPCVGLLPIA	15
16	MEAAIVPCVGLLPIA	16	MEAAIVPCVGLLPIA	16
17	MEAAIVPCVGLLPIA	17	MEAAIVPCVGLLPIA	17
18	MEAAIVPCVGLLPIA	18	MEAAIVPCVGLLPIA	18
19	MEAAIVPCVGLLPIA	19	MEAAIVPCVGLLPIA	19
20	MEAAIVPCVGLLPIA	20	MEAAIVPCVGLLPIA	20
21	MEAAIVPCVGLLPIA	21	MEAAIVPCVGLLPIA	21
22	MEAAIVPCVGLLPIA	22	MEAAIVPCVGLLPIA	22
23	MEAAIVPCVGLLPIA	23	MEAAIVPCVGLLPIA	23
24	MEAAIVPCVGLLPIA	24	MEAAIVPCVGLLPIA	24
25	MEAAIVPCVGLLPIA	25	MEAAIVPCVGLLPIA	25
26	MEAAIVPCVGLLPIA	26	MEAAIVPCVGLLPIA	26
27	MEAAIVPCVGLLPIA	27	MEAAIVPCVGLLPIA	27

Db 875 SQL-----HPPROTPTTQLPQVQPSLPAAPSADQPOQ-----PRSOOSTA 921
QY 145 TAAPS-----APALSTPGIRDSAFSMESIDYVNVPSGESAEASLDGSRXYNV 194
Db 922 ASVPTNAPLLPPQAPATPLSQPAV-----SIEQVSNPSTSTEVNSQAIAE-KOP 972
QY 195 SOEL-----HPGAaktePALSSQAEVEEBCADPYENLOEL 232
Db 973 SOEVKMEAKMEVDQPEPADTQPEDISESKVEDCKMESTETERSTEL 1019

RESULT 5
US-09-538-092-1289
Sequence 1289, Application US/09538092
Patent No. 6753314
GENERAL INFORMATION:
APPLICANT: Glot, Loic
APPLICANT: Mansfield, Traci A.
TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
FILE REFERENCE: 15966-542
CURRENT APPLICATION NUMBER: US/09/538, 092
CURRENT FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: 60/127,352
PRIOR FILING DATE: 1999-04-01
PRIOR APPLICATION NUMBER: 60/178,965
PRIOR FILING DATE: 2000-02-01
NUMBER OF SEQ ID NOS: 1387
SOFTWARE: CuraPatSeqFormatter Version 0.9
SEQ ID NO 1289
LENGTH: 2414
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc.feature
LOCATION: (0)...(0)
OTHER INFORMATION: Polypeptide Accession Number Q09472
US-09-538-092-1289

Query Match 9.3%; Score 113.5; DB 4; Length 2414;
Best Local Similarity 24.2%; Pred. No. 0.32;
Matches 55; Conservative 24; Mismatches 103; Indels 45; Gaps 9;

QY 27 VHCHRLPGSGYDSTSSSLYRGIQFKRPHTVAPWPPA--YPPVTSY-PLSQPDLPIRPS 84
Db 817 IHCPOQLPQALHONSBSVPS--RTPTPHHTPSIGAQQPATTIPAPVPTPPAMPGPQ 874
QY 85 PQLGSGHRTSSRRSDGANSVASYENEPACEDADEDDYHNGYLVLPDSTPAT 144
Db 875 SQL-----HPPROTPTTQLPQVQPSLPAAPSADQPOQ-----PRSOOSTA 921

QY 145 TAAPS-----APALSTPGIRDSAFSMESIDYVNVPSGESAEASLDGSRXYNV 194
Db 922 ASVPTNAPLLPPQAPATPLSQPAV-----SIEQVSNPSTSTEVNSQAIAE-KOP 972

QY 195 SOEL-----HPGAaktePALSSQAEVEEBCADPYENLOEL 232
Db 973 SOEVKMEAKMEVDQPEPADTQPEDISESKVEDCKMESTETERSTEL 1019

RESULT 6
PCT-US95-04682-2
Sequence 2, Application PC/TUS9504682
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: NUCLEIC ACID ENCODING TRANSCRIPTION
TITLE OF INVENTION: FACTOR P300 AND USES OF P300
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Weingarten, Schurgin, Gagnebin & Hayes
STREET: Ten Post Office Square
CITY: Boston
STATE: MA
COUNTRY: US

ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/04682
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,536
FILING DATE: 14-April-1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Holliday C. Heine, Ph.D.
REGISTRATION NUMBER: 34,346
REFERENCE/DOCKET NUMBER: DPCI-308Xq999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-2290
TELEFAX: (617) 451-0313
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 2414 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US95-04682-2

Query Match 9.3%; Score 113.5; DB 5; Length 2414;
Best Local Similarity 24.2%; Pred. No. 0.32;
Matches 55; Conservative 24; Mismatches 103; Indels 45; Gaps 9;

QY 27 VHCHRLPGSGYDSTSSSLYRGIQFKRPHTVAPWPPA--YPPVTSY-PLSQPDLPIRPS 84
Db 817 IHCPOQLPQALHONSBSVPS--RTPTPHHTPSIGAQQPATTIPAPVPTPPAMPGPQ 874
QY 85 PQLGSGHRTSSRRSDGANSVASYENEPACEDADEDDYHNGYLVLPDSTPAT 144
Db 875 SQL-----HPPROTPTTQLPQVQPSLPAAPSADQPOQ-----PRSOOSTA 921

QY 145 TAAPS-----APALSTPGIRDSAFSMESIDYVNVPSGESAEASLDGSRXYNV 194
Db 922 ASVPTNAPLLPPQAPATPLSQPAV-----SIEQVSNPSTSTEVNSQAIAE-KOP 972

QY 195 SOEL-----HPGAaktePALSSQAEVEEBCADPYENLOEL 232
Db 973 SOEVKMEAKMEVDQPEPADTQPEDISESKVEDCKMESTETERSTEL 1019

RESULT 7
US-09-949-016-9918
Sequence 9918, Application US/09949016
Patent No. 6812338
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949, 016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 9918
LENGTH: 520
TYPE: PRT
ORGANISM: Human

US-09-949-016-9918

Query Match 9.1%; Score 112; DB 4; Length 520;

Best Local Similarity 24.3%; Pred. No. 0.052;

Matches 51; Conservative 22; Mismatches 79; Indels 58; Gaps 11;

QY 33 PGSDYSTSDSLYPRGQFKRPHTVAPWPPAYPVTSYPLSQP-----DLLP---IPRSP 85
 DB 58 PSQEPSSKSDSATSEGE-----SPPGDAPPSKVPPCQEPQPPAQDLSPCQDLPAQ 108
 QY 86 QPFGSHRTSSRRSDSGANSVSYENEBACDADEDE-----DDYHNPGLVVL 136
 DB 109 EPL--PHQDPLTKDLPALQIE--SPTRDLPCCQDLPPSQVSLPAKALTEBDTSSGDLTA 164
 QY 137 POSTPATSTAPAPALSTPGIR-DSAFSMESIDYVNVSESGESAASLDGSEYVNV 195
 DB 165 TGDP-----AAP-RPAFVLPVRLDSTYSOKA-----GABQCGSGDEDAERA 207
 QY 196 QELHPGAaktePAALSSQEAEEVEEGAPD 225
 DB 208 EEVEEG-----EEGDEDEDEDTSD 226

RESULT 8

US-07-945-283-2

Sequence 2, Application US/07945283

Patent No. 5352596

GENERAL INFORMATION:

APPLICANT: Cheung, Andrew K.

APPLICANT: Wesley, Ronald D.

TITLE OF INVENTION: Pseudorabies Virus Deletion Mutants

TITLE OF INVENTION: Involving The EP0 and L1L7 Genes

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSER: Curtis P. Ribando

STREET: 1815 No. 5352596th University Street

CITY: Peoria

STATE: IL

COUNTRY: USA

ZIP: 61604

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/945,283

FILING DATE: 19920911

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Ribando, Curtis P

REGISTRATION NUMBER: 27976

TELEPHONE: 309-685-4011 ext. 513

TELEFAX: 309-685-4128

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 1958 amino acids

TYPE: AMINO ACID

TOPOLOGY: linear

MOLECULE TYPE: protein

US-07-945-283-2

Query Match 9.1%; Score 112; DB 1; Length 1958;

Best Local Similarity 35.3%; Pred. No. 0.33;

Matches 30; Conservative 5; Mismatches 26; Indels 24; Gaps 3;

QY 59 PWPAPVPVTSYPLSQDPLPIRSPQPLGGS-----HRTSSRRDS 101
 DB 483 PSEPPPP-----PPLPPPPPPPPPPPPAGSARRRRGGGGPPGRRGRRGRRRA 538
 QY 102 DGANSVASYENEBACDADEDED 126

DB 539 EGTEAAMADAEER---EDGEDEDE 560

RESULT 9

US-09-270-767-45531

Sequence 45531, Application US/09270767

Patent No. 6703491

GENERAL INFORMATION:

APPLICANT: Hombrugger et al.

TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster

FILE REFERENCE: File Reference: 7326-094

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 45531

LENGTH: 455

TYPE: PRT

ORGANISM: Drosophila melanogaster

US-09-270-767-45531

Query Match 9.0%; Score 111; DB 4; Length 455;

Best Local Similarity 21.3%; Pred. No. 0.053;

Matches 57; Conservative 23; Mismatches 106; Indels 82; Gaps 9;

QY 34 GYDSTSSDSLPRGQFKRP-----HTVAPWPPAYP---PVTS----- 69
 DB 165 GSNNNTNMSFIPHLRFTPTRRQQPRQNVLPANQPTPPPGSAPPAPVASSNNFS 224
 QY 70 -----YPLSQDPLPIRSPOP-----LGSHRTSSRRDS-- 101
 DB 225 GQTPMFAAPLNNHPPAPVMMGVLSIPSPMPASLPWNSPLFKITPLQQAAPAKSNDGNQ 284
 QY 102 ----DGANSVASYENEBACDA-----DEDEDVHNPEYLVLDPSTPA 142
 DB 285 NDDVDNCFPSITYSQSQAVANASAMPSCVPHGPADASDKDDDMED--LVQLDDDED 342
 QY 143 TSTAAPASAPALSTPGIRDSAFSMESIDY-----VNVSESGESAASLDGSEYVNV 196
 DB 343 TDIPLPLGP---EPREVPPKVPKSSDDDLVERPENTBEERBEEMBEESCDAPTEKSBS 399
 QY 197 ELHPGAaktePAALSSQEAEEVEEGAP 224
 DB 400 DHEPSNSNVQAAPAVENDAEARTSTP 427

RESULT 10

US-09-252-991A-30533

Sequence 30533, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

FILE REFERENCE: 107196.136

CURRENT FILING DATE: 1999-02-18

CURRENT APPLICATION NUMBER: US/09/252,991A

PRIOR FILING DATE: 1998-02-18

PRIOR APPLICATION NUMBER: US 60/094,190

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 30533

LENGTH: 571

TYPE: PRT

ORGANISM: Pseudomonas aeruginosa

US-09-252-991A-30533

Query Match 9.0%; Score 110; DB 4; Length 571;

Best Local Similarity 22.1%; Pred. No. 0.091;

Matches 54; Conservative 30; Mismatches 92; Indels 68; Gaps 9;

QY 39 TSSDSLPRGQFKRPHTVAPWPPAY-----PVTSYPLSQDPLPIRSPQ 86

Db 315 TPTPTVPSG-----SVARQAPAVSARVAASVTAQAEPPASVSAPPVDEPPLVFSVSHPO 367
QY 87 PLGGSHRTPS-----SRDSDGANSV-ASYENEPACEDADEDE-DDYHNPGLVVL 138
Db 368 IAGRTHERPQPGFPAKTAAEVASTAASVQDSPPAPTAGGERGERGQPG--ETDPS 425
QY 139 STATSTAAAPSAPLSTFGIR-----DSAFSMESIDYVNVPESESA 181
Db 426 ALPPDDQAPVPLPAMQTPGDRLVARLLASSGSRPLPLADILARLIDAVQGRIQVASAAESH 485
QY 182 EASIDGREYVNVSOELHPGAKTEPPAALSQGEAEVEEBGAPD-----YENTL 229
Db 486 AARL-----QVRLPOLGAVEVYVHLGHGQLQVEISASPSGLAFLQOARGCELLERL 535
QY 230 QELN 233
Db 536 QRLH 539

RESULT 11

US-08-690-473-2
; Sequence 2, Application US/08690473
; Patent No. 5876923
; GENERAL INFORMATION:
; APPLICANT: Leopardi, Rosario
; APPLICANT: Roizman, Bernard
; TITLE OF INVENTION: HERPES SIMPLEX VIRUS ICP4 AS AN
; TITLE OF INVENTION: INHIBITOR OF APOPTOSIS
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/690.473
; FILING DATE: 26-JUL-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Highlander, Steven L.
; REGISTRATION NUMBER: 37,642
; REFERENCE/DOCKET NUMBER: ARCD:239
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1298 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
US-08-690-473-2

Query Match 8.7%; Score 106.5; DB 2; Length 1298;

Best Local Similarity 24.0%; Pred. No. 0.6;

Matches 49; Conservative 19; Mismatches 73; Indels 63; Gaps 7;

QY 82 PRSPPLGSHRTPSRRDSDGANSVASYENEB-----PAC 117
Db 9 PGSPGPTDGPPTPSPRDRGALGCGA-ETBEGGDDPDHDPHPDLDDARRDGRAPAA 67
QY 118 -EDADEDEDYHNPGLVVL---PDSTPATSTAAPSAPALSTPGIRDSAFSMESIDYV 172
Db 68 GTDAGEDAGDAVSPRLALLASVVEAVRTIPTPDDPAASPRTPAFRADDDDDDEVDDAA 127

QY 173 N-----VPESGEAASLDGSRVNVSOELHP-----G 201
Db 128 DAAGDAPARGRREREAFLRGA--YPPDTRLSPRPAQPPRRRRHGRWPSASTSSDSG 185
QY 202 AAKTEPALSSQGEAEVEEBGAPD 225
Db 186 SSSSSASSSSSSDEDEDDGND 209

RESULT 12

US-09-259-821A-2
; Sequence 2, Application US/09259821A
; Patent No. 6210926
; GENERAL INFORMATION:
; APPLICANT: LEOPARDI, ROSARIO
; APPLICANT: ROIZMAN, BERNARD
; TITLE OF INVENTION: HERPES SIMPLEX VIRUS ICP4 IS AN INHIBITOR OF APOPTOSIS
; FILE REFERENCE: ARCD:317
; CURRENT APPLICATION NUMBER: US/09/259,821A
; CURRENT FILING DATE: 1999-03-01
; PRIOR APPLICATION NUMBER: 08/690,473
; PRIOR FILING DATE: 1996-07-26
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 2
; LENGTH: 1298
; TYPE: PRT
; ORGANISM: HERPES VIRUS, TYPE 1
US-09-259-821A-2

Query Match 8.7%; Score 106.5; DB 3; Length 1298;

Best Local Similarity 24.0%; Pred. No. 0.6;

Matches 49; Conservative 19; Mismatches 73; Indels 63; Gaps 7;

QY 82 PRSPPLGSHRTPSRRDSDGANSVASYENEB-----PAC 117
Db 9 PGSPGPTDGPPTPSPRDRGALGCGA-ETBEGGDDPDHDPHPDLDDARRDGRAPAA 67
QY 118 -EDADEDEDYHNPGLVVL---PDSTPATSTAAPSAPALSTPGIRDSAFSMESIDYV 172
Db 68 GTDAGEDAGDAVSPRLALLASVVEAVRTIPTPDDPAASPRTPAFRADDDDDDEVDDAA 127
QY 173 N-----VPESGEAASLDGSRVNVSOELHP-----G 201
Db 128 DAAGDAPARGRREREAFLRGA--YPPDTRLSPRPAQPPRRRRHGRWPSASTSSDSG 185
QY 202 AAKTEPALSSQGEAEVEEBGAPD 225
Db 186 SSSSSASSSSSSDEDEDDGND 209

RESULT 13

US-08-843-659-2
; Sequence 2, Application US/08843659
; Patent No. 6218103
; GENERAL INFORMATION:
; APPLICANT: Leopardi, Rosario
; APPLICANT: Roizman, Bernard
; TITLE OF INVENTION: HERPES SIMPLEX VIRUS US3 AND ICP4 AS
; TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: United States
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30

GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: September 14, 2005, 22:05:46 ; Search time 248 Seconds

69993.763 Million cell updates/sec

Title: US-09-597-920B-1

```

2222: 26 05 27 2205-1
Perfect score: 1060
Sequence: 1 gactctgccttgagggccc.....aaaaaaaaaaaaaaaaaa 1060

```

Scoring table: IDENTITY_NUC

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

```
Minimum DB seq length: 0
Maximum DB seq length: 20000000000
```

Post-processing: Minimum Match of

Maximum Match 100%
Listing first 45 summaries

Database :

```
Issue_Parents NA: *
1: /cgn2_6/prodata/1/ina/5A COMB. seq: *
2: /cgn2_6/prodata/1/ina/5B COMB. seq: *
3: /cgn2_6/prodata/1/ina/6A COMB. seq: *
4: /cgn2_6/prodata/1/ina/6B COMB. seq: *
5: /cgn2_6/prodata/1/ina/PORTUS COMB. seq: **
6: /cgn2_6/prodata/1/ina/backfillseq. seq: **
```

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	605	57.1	789	4	US-09-949-016-7751	Sequence 2751, Applicant A
2	416.8	39.3	528	4	US-09-023-655-565	Sequence 565, Applicant A
3	265	25.0	8596	4	US-09-949-016-44493	Sequence 14493, Applicant A
4	99	9.3	601	4	US-08-949-016-94821	Sequence 94821, Applicant A
5	51.4	4.8	7218	4	US-08-232-463-14	Sequence 14, Applicant A
6	44.2	4.2	45587	3	US-09-949-016-15836	Sequence 15836, Applicant A
7	43.8	4.1	1926	3	US-09-249-585A-4	Sequence 15836, Applicant A
8	43.8	4.1	1931	2	US-09-130-114-2	Sequence 2, Applicant A
9	42.4	4.0	1503	4	US-09-907-794A-220	Sequence 220, Applicant A
10	42.4	4.0	1503	4	US-09-905-125A-220	Sequence 220, Applicant A
11	42.4	4.0	1503	4	US-09-902-775A-220	Sequence 220, Applicant A
12	42.4	4.0	1503	4	US-09-906-700-220	Sequence 220, Applicant A
13	42.4	4.0	1503	4	US-09-903-603A-220	Sequence 220, Applicant A
14	42.4	4.0	1503	4	US-09-904-920A-220	Sequence 220, Applicant A
15	42.4	4.0	1503	4	US-09-909-064-220	Sequence 220, Applicant A
16	42.4	4.0	1503	4	US-09-905-381A-220	Sequence 220, Applicant A
17	42.4	4.0	1503	4	US-09-906-618-220	Sequence 220, Applicant A
18	42	4.0	977	4	US-09-311-021-103	Sequence 103, Applicant A
19	42	4.0	3083	4	US-09-155-246-1	Sequence 1, Applicant A
20	42	4.0	4494	4	US-09-620-312D-861	Sequence 861, Applicant A
21	41.8	3.9	12695	4	US-09-949-016-16775	Sequence 16775, Applicant A
22	41.8	3.9	1505	1	US-07-915-246-1	Sequence 1, Applicant A
23	41.8	3.9	1600	3	US-07-861-458C-37	Sequence 37, Applicant A
24	41.8	3.9	1607	6	5196333-3	Patent No. 5196333
25	41.8	3.9	1607	6	5196333-3	Patent No. 5196333
26	41.6	3.9	1160	3	US-08-995-159-1	Sequence 1, Applicant A
27	41.6	3.9	1160	4	US-09-545-605-1	Sequence 1, Applicant A

28	41.2	3.9	96.6	2	US-08-921-382-1	Sequence 1, Appl 1
29	41.2	3.9	96.6	2	US-09-386-380-1	Sequence 1, Appl 1
30	41.2	3.9	3489	2	US-08-728-3223-1	Sequence 1, Appl 1
31	41.2	3.9	3489	2	US-09-298-568-1	Sequence 1, Appl 1
32	41.2	3.9	3489	4	US-09-410-399-1	Sequence 1, Appl 1
33	41.2	3.9	3489	4	US-09-694-373-1	Sequence 1, Appl 1
34	41.2	3.9	32207	2	US-08-770-379-20	Sequence 20, Appl 1
35	41.2	3.9	32207	2	US-08-757-6699-20	Sequence 20, Appl 1
36	41.2	3.9	32207	3	US-09-230-371A-20	Sequence 20, Appl 1
37	41.2	3.9	1365	3	US-09-240-965-1	Sequence 1, Appl 1
38	40.8	3.8	3028	4	US-09-548-938A-2	Sequence 2, Appl 1
39	40.4	3.8	997	4	US-09-800-729-15	Sequence 14, Appl 1
40	40.4	3.8	1071	4	US-09-800-729-45	Sequence 14, Appl 1
41	40.4	3.8	1066	4	US-09-800-729-48	Sequence 48, Appl 1
42	40.4	3.8	1138	4	US-09-800-729-44	Sequence 48, Appl 1
43	40.4	3.8	1138	4	US-09-800-729-44	Sequence 47, Appl 1
44	40.4	3.8	1798	4	US-09-797-906-1	Sequence 1, Appl 1
45	40.4	3.8	3168	4	US-09-502-540-8270	Sequence 8270, Appl 1

ALIGNMENTS

```

RESULT 1
US-09-949-016-2751
; Sequence 2751, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: C1001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2751
; LENGTH: 789
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-2751

Query Match      57.1%; Score 605; DB 4; Length 789;
Best Local Similarity 89.0%; Pred. No.1.2e-141;
Matches 702; Conservative 0; Mismatches 0; Indels 87; Gaps 1;

QY      58 ATGAGAGAGGCATCTGTGATCCCTCGTCGTCGGGGCTCTGTGCTGCTGCCATCTGGCC 117
DB      1 ATGAGAGAGGCATCTGTGATCCCTCGTCGTCGGGGCTCTGTGCTGCTGCCATCTGGCC 60

QY      118 ATGTTGATGAGCACTGTGTGTGACCTGCGACAGCTGCGACAGGTCTCTAAGACAGCAATCC 177
DB      61 ATGTTGATGAGCACTGTGTGTGACCTGCGACAGCTGCGACAGGTCTCTAAGACAGCAATCC 120

QY      178 TCAGATAGATTGTATTCCAAGGGGCAATCAGATTCAAACGGGCTCAACAGGTTGGCCCCCTGG 237
DB      121 TCAGATAGATTGTATTCCAAGGGGCAATCAGATTCAAACGGGCTCAACAGGTTGGCCCCCTGG 180

QY      238 CCACTGCTTACCCACCTGTCACTCTCACTCCACCCCTGAGCGACGACAGACTGCTCCCC 297
DB      181 CCACTGCTTACCCACCTGTCACTCTCACTCCACCCCTGAGCGACGACAGACTGCTCCCC 240

QY      298 ATCCCAAGATCCCGGACGCCCTTTGGGGGGCTCCCAACGGGAGCCATCTTCCGGGGGAGT 357
DB      241 ATCCCAAGATCCCGGACGCCCTTTGGGGGGCTCCCAACGGGAGCCATCTTCCGGGGGAGT 300

QY      358 TCTGATGTCGCAACAGTGTGGCGAGCTACGAAACGAG----- 396

```

Db	301	TTCTGATGGTCCCAACAGTGTGGCGAGCTACGAGAAAGGAGGGTCCGTGTGGGATCCGAGGT	360
OY	397	-----	396
Db	361	GCCCAAGCTGGGTGGGGAAGTCTGGGGTCCGTCTGTGACTAGCTGACCCCTGTGTGTTA	420
OY	397	-----GAACCAAGCTGTGAGATGCAAGATGAGGATGAGGACGACTATATCAACCCAGGC	450
Db	421	CCCCAGAAACCAAGCCTGTGAGGATGAGATGAGAGTGAAGATGAAGAACCACTATCAACACCAGGC	480
OY	451	TACCTGTGTGTCTTCTCTGACAGACACCCCGGCACCTAGCAGCTGTGCCCCATAGCCCT	510
Db	461	TACCTGTGTGTCTTCTCTGACAGACACCCCGGCACCTAGCAGCTGTGCCCCATAGCTCT	540
OY	511	GCACTCAGACACCCCTGGCATCCGAGACAGTGCCTTCTCATGGAGTCCATTGATGATTAC	570
Db	541	GCACTCAGACACCCCTGGCATCCGAGACAGTGCCTTCTCATGGAGTCCATTGATGATTAC	600
OY	571	GTGAACGTTCCCGAGAGCGGGGAGACGCGAAGACGCTTCTGTGATGGACCCGGGAGTAT	630
Db	601	GTGAACGTTCCCGAGAGCGGGGAGACGCGAAGACGCTTCTGTGATGGACCCGGGAGTAT	660
OY	631	GTGAATGTGTCCCAGAACTGCATCCTGAGGGCGCTAAAGCTGAGGCTGCGGCTGAGT	690
Db	661	GTGAATGTGTCCCAGAACTGCATCCTGAGGGCGCTAAAGCTGAGGCTGCGGCTGAGT	720
OY	691	TCCCAAGAGCGAGAGACTGAGGAAGAGGGGCTCCAGATTACGAGATCTGCAGAG	750
Db	721	TCCCAAGAGCGAGAGACTGAGGAAGAGGGGCTCCAGATTACGAGATCTGCAGAG	780
OY	751	CTGAACCTGA	759
Db	781	CTGAACCTGA	789

RESULT 2
 US-09-023-655-565
 / Sequence 565, Application US/09023655
 / Patent No. 6607879
 / GENERAL INFORMATION:
 / APPLICANT: Cocks, Benjamin G.
 / APPLICANT: Susan G. Stuart
 / APPLICANT: Jeffrey J. Seilheimer
 / TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
 / TITLE OF INVENTION: EXPRESSION
 / NUMBER OF SEQUENCES: 1508
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 / STREET: 3174 PORTER DRIVE
 / CITY: PALO ALTO
 / STATE: CALIFORNIA
 / COUNTRY: USA
 / ZIP: 94304
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: Floppy disk
 / COMPUTER: IBM PC compatible
 / OPERATING SYSTEM: PC-DOS/MS-DOS
 / SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US
 / FILING DATE: 09/02/2003
 / CLASSIFICATION: HEREWITH
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER:
 / FILING DATE:
 / CLASSIFICATION:
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Zeller, Karen J.
 / REGISTRATION NUMBER: 37,071
 / REFERENCE/DOCKET NUMBER: PA-0001 US
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: (650) 855-0555

```

; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 565:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 528 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: HIPNOTO1
; CLONE: 240885
; US-09-023-655-565

```

Query Match	Score	DB	Length
39.3%	416.8	4	528

```

Best Local Similarity: 99.3%; Freq.NO. 1,28-94;
Matches 429; Conservative 0; Mismatches 2; Indels 1; Gaps 1;

```

Qy 559 CAGAGCCTCTCTGGATGCGACGCCGGAGTATGTGAATGTGTGCCAGAACTGCATCCTG 658
Db 1 CAGAAACGCTCTCGGATGCGACGCCGGAGTATGTGAATGTTTCCAGAACTGCATCCTG 60

659 GAGCGCTAAGACTGAGCCGCGCCCTGAGTTCCAGAGGCGAGGAAGTGGAGGAAG 718

Db 61 GAGCGCTAGACTGAGCTGCCGCCCTGATTCCAGAGAGCGAGGAAGTGAGGAG 120

719 AGGGGGCTCCAGATTACGGAATCTGCAGACCTGAAGGGCTGTGGAGGCCGAGT 778

Db 121 AGGGGCTCCAGATTACGAGATCTGCAGAGCTGAACTGAGGGCCCTGTGGAGGCCCACT 180

119 CAGTCGGAACCAAGGCTTGCCGAGG-ACGGCTGAGAGCTGGGCAAGTGGCTCTGG 83/

[illegible]

241 GATTCCTCAGCATGCGCCGTGGTCCCTTTGCAACAACAGCCGTGCAGAAATCCCCCCC 300

898 TTAATTATCACTTGGGTTGGCCGTGTCCCCCGAACGCTGCAAGCTTCTGACG 957

Db 301 TAACTATTATCACTTTGGGGTTGGCCGTGTCCCCCGAAGCTCTGCACCTTCTGACG 360

958 CAGCTGAGATGACCTGCCCTGGCCCAAGCCTACTCTGTGTAATAGATAAAGGCTTG 1017

Db 361 CAGCGTGAATGACCTGCGCTGGCCCCAGCCTACTCTGTGTAATAGATAAAGGCTTG 420

QY 1018 CGTGTGCTGTG 1029

Db 421 CGTGTCTATG 432

RESULT 3

US-09-949-016-14493
; Sequence 14493, Application US/09949016

Patent No. 001233
GENERAL INFORMATION:

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE

FILE REFERENCE: CL001307
CIBBENT APPLICATION NUMBER: IIS/09/949 016

; CURRENT FILING DATE: 2000-04-14
 ; PRIOR APPLICATION NUMBER: 60/241,755

;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/237,768

PRIOR FILING DATE: 2000-10-03
 PRIOR APPLICATION NUMBER: 60/231,498

NUMBER OF SEQ ID NOS: 207012

SEQ ID NO 14493

```

: TYPE: DNA
: ORGANISM: Human

```

! FEATURE:


```

; NAME/KEY: misc_feature
; LOCATION: (1) .. (8596)
; OTHER INFORMATION: n = A, T, C or G
US-09-949-016-14493

```

Query Match	25.0%	Score 265;	DB 4;	Length 8596;
Best Local Similarity	98.2%	Pred. No. 3.7e-56;		
Matches 268; Conservative	0;	Mismatches 5;	Indels 0;	Gaps 0;

QY	757	TGAGGGGCTGTGAGGCCGAGTCTGTCTCGGACAGGCTTGCTGGACGGCTGAGCTG	816
Db	6762	TGCTTTAGTGGAGGCCGAGTCTGTCTCGGACAGGCTTGCTGGACGGCTGAGCTG	6822

QY 817 GGCAGCTGGAAAGTGGCTCTGGGGTCTCAATGGGGTCTGCCCTTGCTCCAGCCTGACA 876

Db 6832 GGCAGCTGGAAGTGGCTCTGGGGTCTCAATGGGGTCTGCCCTTGCTCCAGCCTGACA 6883

QY 8777 ACAGCCTGAGAAATCCCCCGTAATTATATCACTTTGGGGTTCCGCGTGTCCCCG 936

Dp 6882 ACAGCCTGAGAAATCCCCCGTAATTATATCACTTTGGGGTTCCGCGTGTCCCCG 6941

55 / AACGCTCTGCACCTTCTGACGACGAGCTGAGAAATACCTGTGCTTGGCCCGACGCTTACTCT 996
 Db 6942 AACGCTCTGCACCTTCTGACGACGAGCTGAGAAATACCTGTGCTTGGCCCGACGCTTACTCT 7001

Accession	Sequence	Length
Uy	597 GGGTAAAGAAATAAAGGCTGCGTGTCTGTG	1029
Db	7002 GTGTATGAAATAAAGGCTGCGTGTCTGTG	7034

RESULT 4
US-09-949-016-94821
Sequence 94821 Application IIS/09949016

GENERAL INFORMATION:
PATENT NO.: 064259
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14

PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03

```

; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0

```

```

; LENGTH: 601
;
; TYPE: DNA
; ORGANISM: Human

```

Query Match	9.3%;	Score 99;	DB 4;	Length 601;
Best Local Similarity	95.3%;	Pred. No. 4.5e-15;		

451 TACCTGGTGGTGGTTCCTGACAGACACCCGGGCACTAGCACTGGTGGCCCATCAGCTCT 510

511 GCACTCAGACACCCCTGGCATCCGAGACAGTCCCTTCTCCATGAGTC 557

RESULT 5
US-08-233-63-1A

```

:
: Sequence 14, Abplication US/08332463
: Patent No. 5670367
:
: GENERAL INFORMATION:
:

```

APPLICANT: DORNER, F.
APPLICANT: SCHEIFLINGER, F.
APPLICANT: FALKNER, F. G.
TITLE OF INVENTION: RECOMBINANT FOXPV VIRUS

CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 1800 Diagonal Road, Suite 500

STATE: VA
COUNTRY: USA
ZIP: 2213-0299

```

? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS

```

? CURRENT APPLICATION DATA:
 ? APPLICATION NUMBER: US/08/232,463
 ? FILING DATE:
 ?

? PRIOR APPLICATION DATA: US/07/935,313
 ? APPLICATION NUMBER:
 ? FILING DATE:
 ? APPLICATION NUMBER: ED 01 114 200 C
 ? APPLICATION NUMBER:

? FILING DATE: 26-AUG-1991
 ? ATTORNEY/AGENT INFORMATION:
 ? NAME: BENT, Stephen A.
 ? REGISTRATION NUMBER: 30 760

REFERENCE/DOCKET NUMBER: 304/2/114 IMPU
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-9300
FAX: (703) 683-4100

LEBDA: 899149
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 7218 base pairs

[illegible]

US-08-232-463-14	4.8%;	Score 51.4;	DB 1;	length 7218;
Query Match				

Matches	22;	Conservative	168;	Mismatches	119;	Indels	0;	Gaps	0;
41	TCGAGCTCCCTGCAGATGAGGAGG63C	ATCTGTCCCTGCCTGCTGGG63CTCCTGC	100						

Db	1032	TCCGAGCTTGGCTGCAGAGT	CGAAGGAGCTTCGAT	TTTTTTTTTTTTTTTTTTTT	1091
Dy	101	TGCTGCCCATCTCGGCATGTTGAT	TGATGACATGTTGTCAC	TCGCCACAGATGCGCAGCT	160

Db	1092	XX	1151
0y	161	CCTACGACAGCACATCTTCAGATAGTTTGTATCCAAAGGGGCAATCCAGTTCAACGGCCTC	220

Db	1152	yy	1211
0y	221	ACACGGTGGCCCCCTGGCCACTGCTACCCAGCTGTCACCCACCCCTGAGCC	280

Dd	1212	YY	1271
Oy	281	AGCCGAGACTGCTCCCCATCCCAAGATCCCGAGAGCCCTTTGGGGGCTCCCAACGGAGCGC	340

Dd	1272	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	1331
Oy	341	CATCTTCC	349

Db	1.332	YYYYYYYYY	1.340
----	-------	-----------	-------

```
RESULT 6
US-09-949-016-15836
; Sequence 15836, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15836
; LENGTH: 45587
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-15836
```

Query Match 4.2%; Score 44.2; DB 4; Length 45587;

Best Local Similarity 75.3%; Pred. No. 1.3; 18; Indels 0; Gaps 0;

```
Matches 55; Conservative 0; Mismatches 18; Indels 0; Gaps 0;
QY 988 CCTACTCTGTGTATAGATATAAGCGCTGCTGTCTGTGAAAAA 1047
DB 3833 CTCACCTCGGCGATAGACAGACCCCTGTCTGTCTCAAAAAA 38392
QY 1048 AAAAAAAAAA 1060
DB 38393 AAAAAAAAAA 38405
```

```
RESULT 7
US-09-249-585A-4/c
; Sequence 4, Application US/09249585A
; Patent No. 6417002
; GENERAL INFORMATION:
; APPLICANT: Horlick, Robert
; TITLE OF INVENTION: METHOD FOR MAINTENANCE AND SELECTION OF EPISOMES
; FILE REFERENCE: 0867/0D905
; CURRENT APPLICATION NUMBER: US/09/249,585A
; CURRENT FILING DATE: 1999-02-11
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 1926
; TYPE: DNA
; ORGANISM: Epstein Barr Virus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)-(1926)
; OTHER INFORMATION: template strand of EBNA-1 DNA
US-09-249-585A-4
```

Query Match 4.1%; Score 43.8; DB 3; Length 1926;

Best Local Similarity 47.0%; Pred. No. 0.46;

Matches 135; Conservative 0; Mismatches 152; Indels 0; Gaps 0;

```
QY 552 GGAATCCATTGATGATTAAGTGAACGTTCCGAGACGGGAGAGCGCAGAACGCTCTCT 611
DB 575 GAGGACCGGGAGAGAGACGAGACCGGAGAGCGGAGAGAGAGCGGAGAGAGAGAGAG 516
QY 612 GGAATGCAACCGGAGATGTGATGTGTCCAGGAAGTCACTCTGAGCGGCTTAAGAC 671
DB 515 GAGCGAGAGACGGGAGAGAGCGGAGAGAGCGGAGAGAGAGAGAGAGAGAGAGAGAGAG 456
QY 672 TGAGCTGCGCGCTGATGCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 731
```

```
DB 455 GGAAGACGAGAGACGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 396
QY 732 TTACGAAATCTGACAGAGACTGTAAGAGGCTTGTGAGCGGAGTGTCTTGAAC 791
DB 395 CAGAGACGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 336
QY 792 AGCTTTCCTGGAGACGGCTGAGCTGAGCTGAGAGTGGCTCTGGG 838
DB 335 GAGCAGAGACGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 289
```

```
RESULT 8
US-09-130-114-2/c
; Sequence 2, Application US/09130114
; Patent No. 5976807
; GENERAL INFORMATION:
; APPLICANT: Horlick, Robert A.
; APPLICANT: Damaj, Basam B.
; APPLICANT: Robbins, Alan K.
; TITLE OF INVENTION: Eukaryotic Cells Stably Expressing Genes
; FILE REFERENCE: 0867/1D903U51
; CURRENT APPLICATION NUMBER: US/09/130,114
; CURRENT FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 1931
; TYPE: DNA
; ORGANISM: EBNA
US-09-130-114-2
```

Query Match 4.1%; Score 43.8; DB 2; Length 1931;

Best Local Similarity 47.0%; Pred. No. 0.47;

Matches 135; Conservative 0; Mismatches 152; Indels 0; Gaps 0;

```
QY 552 GGAATCCATTGATGATTAAGTGAACGTTCCGAGACGGGAGAGCGCAGAACGCTCTCT 611
DB 575 GAGGACCGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 516
QY 612 GGAATGCAACCGGAGATGTGATGTGTCCAGGAAGTCACTCTGAGCGGCTTAAGAC 671
DB 515 GAGCGAGAGACGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 456
QY 672 TGAGCTGCGCGCTGATGCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 731
DB 455 GAGGACGAGAGACGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 396
QY 732 TTACGAAATCTGACAGAGACTGTAAGAGGCTTGTGAGCGGAGTGTCTTGAAC 791
DB 395 CAGAGACGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 336
QY 792 AGCTTTCCTGGAGACGGCTGAGCTGAGCTGAGAGTGGCTCTGGG 838
DB 335 GAGCAGAGACGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 289
```

```
RESULT 9
US-09-907-794A-220
; Sequence 220, Application US/09907794A
; Patent No. 6635468
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Flivaerdt, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
```

```

; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,794A
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 220
; LENGTH: 1503
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-907-794A-220

Query Match      4.0% Score 42.4; DB 4; Length 1503;
Best Local Similarity 66.3%; Pred. No. 0.94;
Matches 61; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

QY 969 TGACCTGCTGCGCCGACCTCTCTGTGTATAGATAAAGCGCTGCGTGTGTGT 1028
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1385 TGCGCTGCGCTGGACACCTCTCTCTGCGCAGAGGCAATAAAGCCAGCGCGGACCT 1444
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 1029 GGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1060
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1445 TGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1476
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
```

```

RESULT 10
US-09-905-125A-220
; Sequence 220, Application US/09905125A
; Patent No. 6664376
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,125A
; PRIOR FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 220
; LENGTH: 1503
```

```
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-905-125A-220

Query Match
Best Local Similarity 4.0%; Score 42.4; DB 4; Length 1503;
Matches 61; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

QY 969 TGACCTGCGCCCTGAGCCGCTACTCTGTGTAATGAAATGAAGGCGCTGTGTCTGT 1028
DB 1385 TGCGCTGGCTGGACACCTCTCTCTGCGCAGAGGCAATTAAGCCAGCGCGGACCT 1444
QY 1029 GGAATATATATATATATATATATATATATATATATATATATATATATATAT 1060
DB 1445 TGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1476

RESULT 11
US-09-902-775A-220
/ Sequence 220, Application US/09902775A
/ Patent No. 6686451
/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Baton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, A.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth, J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Mather, Jennie P.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William, I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: 10466-14
/ CURRENT APPLICATION NUMBER: US/09/902,775A
/ PRIOR APPLICATION NUMBER: PCT/US00/04414
/ PRIOR FILING DATE: 2000-02-22
/ PRIOR APPLICATION NUMBER: US 60/143,048
/ PRIOR FILING DATE: 1999-07-07
/ PRIOR APPLICATION NUMBER: US 60/145,698
/ PRIOR FILING DATE: 1999-07-26
/ PRIOR APPLICATION NUMBER: US 60/146,222
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: PCT/US99/20594
/ PRIOR FILING DATE: 1999-09-08
/ PRIOR APPLICATION NUMBER: PCT/US99/20944
/ PRIOR FILING DATE: 1999-09-13
/ PRIOR APPLICATION NUMBER: PCT/US99/21090
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21547
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/23089
/ PRIOR FILING DATE: 1999-10-05
/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-29
/ PRIOR APPLICATION NUMBER: PCT/US99/28313
```

```
/ PRIOR FILING DATE: 1999-11-30
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/30095
/ PRIOR FILING DATE: 1999-12-16
/ PRIOR APPLICATION NUMBER: PCT/US99/30911
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US99/30999
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US00/00219
/ PRIOR FILING DATE: 2000-01-05
/ NUMBER OF SEQ ID NOS: 423
/ SEQ ID NO 220
/ LENGTH: 1503
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-902-775A-220

Query Match
Best Local Similarity 4.0%; Score 42.4; DB 4; Length 1503;
Matches 61; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

QY 969 TGACCTGCGCCCTGAGCCGCTACTCTGTGTAATGAAATGAAGGCGCTGTGTCTGT 1028
DB 1385 TGCGCTGGCTGGACACCTCTCTCTGCGCAGAGGCAATTAAGCCAGCGCGGACCT 1444
QY 1029 GGAATATATATATATATATATATATATATATATATATATATATATATATAT 1060
DB 1445 TGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1476

RESULT 12
US-09-906-700-220
/ Sequence 220, Application US/09906700
/ Patent No. 6723535
/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Baton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, A.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth, J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Mather, Jennie P.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William, I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: 10466-14
/ CURRENT APPLICATION NUMBER: US/09/906,700
/ PRIOR APPLICATION NUMBER: PCT/US00/04414
/ PRIOR FILING DATE: 2000-09-18
/ PRIOR APPLICATION NUMBER: PCT/US00/04414
/ PRIOR FILING DATE: 2000-02-22
/ PRIOR APPLICATION NUMBER: US 60/143,048
/ PRIOR FILING DATE: 1999-07-07
/ PRIOR APPLICATION NUMBER: US 60/145,698
```

```

; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 220
; LENGTH: 1503
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-906-700-220
```

```

Query Match          4.0%; Score 42.4; DB 4; Length 1503;
Best Local Similarity 66.3%; Pred. No. 0.94; Indels 31; Gaps 0;
Matches 61; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

QY      969 TGACCTGCGCCCTGAGCCCTACTCTGTGTATAGATAAAGCGCTGCTGTCTGT 1028
        ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db      1385 TGCGCTGGCCTGGGACACCTCTCTCTGCCAGAGGCAATTAAGCGCGGACCT 1444
        ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY      1029 GGAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1060
        ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db      1445 TGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1476
        ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
```

```

RESULT 13
US-09-903-603A-220
; Sequence 220, Application US/09903603A
; Patent No. 6767995
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Batou, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin J.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
```

```

; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCES: GNE.1618PC12
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US/09/903,603A
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 220
; LENGTH: 1503
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-903-603A-220

Query Match          4.0%; Score 42.4; DB 4; Length 1503;
Best Local Similarity 66.3%; Pred. No. 0.94; Indels 31; Gaps 0;
Matches 61; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

QY      969 TGACCTGCGCCCTGAGCCCTACTCTGTGTATAGATAAAGCGCTGCTGTCTGT 1028
        ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db      1385 TGCGCTGGCCTGGGACACCTCTCTCTGCCAGAGGCAATTAAGCGCGGACCT 1444
        ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY      1029 GGAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1060
        ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db      1445 TGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1476
        ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
```

```

RESULT 14
US-09-904-920A-220
; Sequence 220, Application US/09904920A
; Patent No. 6806352
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
```

APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltzen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,920A
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 220
LENGTH: 1503
TYPE: DNA
ORGANISM: Homo sapiens
US-09-904-920A-220

Query Match 4.0%; Score 42.4; DB 4; Length 1503;
Best Local Similarity 66.3%; Pred. No. 0.94;
Matches 61, Conservative 0; Mismatches 31; Indels 0; Gaps 0;

QY 969 TGACCTGGCCCTGGCCAGCCCTACTCTGTGTATAGATTAAGGCGCTGGTGTGTGT 1028

Db 1385 TGCGCTGGCCTGGAGACACTCTCTGTGCGAGAGCATTAAGCCGCGGACCT 1444
QY 1029 GCGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1060
Db 1445 TGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1476

RESULT 15
US-09-909-064-220
Sequence 220, Application US/09909064
Patent No. 6818449
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltzen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/909,064
CURRENT FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20

; PRIOR APPLICATION NUMBER: PCT/US99/30999
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US00/00219
 ; PRIOR FILING DATE: 2000-01-05
 ; NUMBER OF SEQ ID NOS: 423
 ; SEQ ID NO 220
 ; LENGTH: 1503
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-909-064-220

Query Match 4.0%; Score 42.4; DB 4; Length 1503;
 Best Local Similarity 66.3%; Pred. No. 0.94;
 Matches 61; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

QY 969 TGACCTGCCCCGAGCCCTACTCTGTGTATAGATTAAGCCCTGCGTGTCTGT 1028
 DB 1385 TGGCTGCGCTGGGACACTCTCTGTGCCAGAGGCAATTAAGCCAGCGCGGACT 1444
 QY 1029 GGAATTAAGCCCTGCGTGTCTGT 1060
 DB 1445 TGAATTAAGCCCTGCGTGTCTGT 1476

Search completed: September 15, 2005, 15:05:52
 Job time : 270 secs

This Page Blank (uspio)

GenCore version 5.1.6
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: September 13, 2005, 15:49:20 ; Search time 163 Seconds

(without alignments)
563.819 Million cell updates/sec

Title: US-09-597-920B-4

Perfect score: 1227
Sequence: 1 MBEALIVPCVGLLLPIIA.....EAEFVEEGADPYENIQEIN 233

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1777461 seqs, 394431504 residues

Total number of hits satisfying chosen parameters: 1777461

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep:*
10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
14: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
15: /cgn2_6/ptodata/1/pubpaa/US10E_PUBCOMB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/US10D_PUBCOMB.pep:*
17: /cgn2_6/ptodata/1/pubpaa/US10F_PUBCOMB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US11A_PUBCOMB.pep:*
19: /cgn2_6/ptodata/1/pubpaa/US11B_PUBCOMB.pep:*
20: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep:*
21: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
22: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	262.5	21.4	101	US-10-935-098-58	Sequence 58, Appl
2	262.5	21.4	102	US-09-739-907-58	Sequence 58, Appl
3	262.5	21.4	102	US-09-938-671-58	Sequence 58, Appl
4	262.5	21.4	180	US-09-739-907-106	Sequence 106, App
5	262.5	21.4	180	US-09-938-671-106	Sequence 106, App
6	262.5	21.4	180	US-10-935-098-106	Sequence 106, App
7	123.5	10.1	180	US-10-437-963-174234	Sequence 106, App
8	120.5	9.8	371	US-10-425-114-63228	Sequence 63228, A
9	120.5	9.8	16	US-10-437-963-146700	Sequence 146700,
10	116	9.5	2127	US-10-367-057-43	Sequence 43, Appl
11	114.5	9.3	1000	US-10-128-714-3305	Sequence 3305, Ap

12	114	9.3	762	16	US-10-437-963-131253	Sequence 131253,
13	113.5	9.3	735	15	US-10-282-122A-69392	Sequence 69392, A
14	113.5	9.3	2414	16	US-10-473-127-634	Sequence 634, App
15	113.5	9.3	2414	16	US-10-473-127-641	Sequence 641, App
16	113.5	9.3	2414	16	US-10-473-127-642	Sequence 642, App
17	113.5	9.3	2414	16	US-10-473-127-644	Sequence 644, App
18	113.5	9.3	2414	16	US-10-473-127-646	Sequence 646, App
19	113.5	9.3	2414	17	US-10-732-923-18449	Sequence 18449, A
20	113.5	9.3	2414	18	US-10-756-149-5732	Sequence 5732, Ap
21	112.5	9.2	1177	14	US-10-193-692-4	Sequence 4, Appl1
22	112.5	9.2	1186	14	US-10-193-692-2	Sequence 2, Appl1
23	112	9.1	430	16	US-10-739-930-9638	Sequence 9638, Ap
24	112	9.1	519	14	US-10-113-794A-2	Sequence 2, Appl1
25	112	9.1	519	15	US-10-428-467-14	Sequence 14, Appl
26	112	9.1	519	15	US-10-258-371B-28	Sequence 28, Appl
27	112	9.1	917	18	US-10-487-092-15	Sequence 15, Appl
28	112	9.1	923	15	US-10-114-270-152	Sequence 152, App
29	111	9.0	169	16	US-10-425-115-224853	Sequence 224853,
30	110.5	9.0	299	16	US-10-477-876-2	Sequence 2, Appl1
31	110.5	9.0	299	18	US-10-981-737-2	Sequence 2, Appl1
32	110	9.0	346	16	US-10-437-963-184670	Sequence 184670,
33	110	9.0	584	14	US-10-156-761-12405	Sequence 12405, A
34	110	9.0	2957	17	US-10-732-923-8692	Sequence 8692, Ap
35	109.5	8.9	340	16	US-10-437-963-181586	Sequence 181586,
36	109.5	8.9	1151	10	US-09-825-751A-79	Sequence 79, Appl
37	109.5	8.9	1151	18	US-10-851-438-79	Sequence 79, Appl
38	109.5	8.9	1240	15	US-10-369-493-4031	Sequence 4031, Ap
39	109.5	8.9	1244	17	US-10-732-923-16945	Sequence 16945, A
40	109	8.9	509	16	US-10-437-963-106493	Sequence 106493,
41	109	8.9	1678	16	US-10-437-963-138217	Sequence 138217,
42	108.5	8.8	1343	16	US-10-408-765A-1085	Sequence 1085, Ap
43	108.5	8.8	1714	14	US-10-128-714-8176	Sequence 8176, Ap
44	108.5	8.8	1750	14	US-10-128-714-8176	Sequence 8176, Ap
45	108	8.8	829	15	US-10-369-493-3403	Sequence 3403, Ap

ALIGNMENTS

RESULT 1
US-10-935-098-58
Sequence 58, Application US/10935098
Publication No. US20050042667A1
GENERAL INFORMATION:
APPLICANT: Lafleur et al.
TITLE OF INVENTION: 36 Human Secreted Proteins
FILE REFERENCE: P2022P1C3
CURRENT APPLICATION NUMBER: US/10/935, 098
CURRENT FILING DATE: 2004-09-08
PRIOR APPLICATION NUMBER: 09/938, 671
PRIOR FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: 09/739, 907
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 09/348, 457
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: PCT/US99/00108
PRIOR FILING DATE: 1999-01-06
PRIOR APPLICATION NUMBER: 60/070, 657
PRIOR FILING DATE: 1998-01-07
PRIOR APPLICATION NUMBER: 60/070, 692
PRIOR FILING DATE: 1998-01-07
PRIOR APPLICATION NUMBER: 60/070, 704
PRIOR FILING DATE: 1998-01-07
PRIOR APPLICATION NUMBER: 60/070, 658
PRIOR FILING DATE: 1998-01-07
NUMBER OF SEQ ID NOS: 196
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 58
LENGTH: 101
TYPE: PRT
ORGANISM: Homo sapiens
US-10-935-098-58


```
; Sequence 106, Application US/09938671
; Publication No. US2004002066A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 36 Human Secreted Proteins
; FILE REFERENCE: P2022P1
; CURRENT APPLICATION NUMBER: US/09/938,671
; PRIOR FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 09/348,457
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: 60/070,567
; PRIOR FILING DATE: 1998-01-07
; PRIOR APPLICATION NUMBER: 60/070,692
; PRIOR FILING DATE: 1998-01-07
; PRIOR APPLICATION NUMBER: 60/070,704
; PRIOR FILING DATE: 1998-01-07
; PRIOR APPLICATION NUMBER: 60/070,658
; PRIOR FILING DATE: 1998-01-07
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 106
; LENGTH: 180
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-938-671-106
```

```
Query Match      21.4%; Score 262.5; DB 11; Length 180;
Best Local Similarity 65.5%; Pred. No. 1.3e-12;
Matches 57; Conservative 2; Mismatches 19; Indels 9; Gaps 2;
```

```
QY      1 MEEAIVPCVLGILLPIILMMLALCVHCHRLPGSYDSTSSDLYRGIOFKRPHVTVAW 60
      |||||
DB      80 MEEAIVPCVLGILLPIILMMLALCVHCHRLPGSYDSTSSDLYRGIOFKRPHVTVAW 60
      |||||
QY      61 PPAYPVTSYPPISQDLPPIRSPQP 87
      |||||
DB      134 SHCCPLATCLPTC---HLPTPEPARP 157
      |||||
```

```
RESULT 6
US-10-935-098-106
; Sequence 106, Application US/10935098
; Publication No. US20050042667A1
; GENERAL INFORMATION:
; APPLICANT: Lafleur et al.
; TITLE OF INVENTION: 36 Human Secreted Proteins
; FILE REFERENCE: P2022P1C3
; CURRENT APPLICATION NUMBER: US/10/935,098
; PRIOR FILING DATE: 2004-09-08
; PRIOR APPLICATION NUMBER: 09/938,671
; PRIOR FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 09/739,907
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 09/348,457
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: PCT/US99/00108
; PRIOR FILING DATE: 1999-01-06
; PRIOR APPLICATION NUMBER: 60/070,657
; PRIOR FILING DATE: 1998-01-07
; PRIOR APPLICATION NUMBER: 60/070,692
; PRIOR FILING DATE: 1998-01-07
; PRIOR APPLICATION NUMBER: 60/070,704
; PRIOR FILING DATE: 1998-01-07
; PRIOR APPLICATION NUMBER: 60/070,658
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 106
; LENGTH: 180
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-935-098-106
```

```
Query Match      21.4%; Score 262.5; DB 17; Length 180;
Best Local Similarity 65.5%; Pred. No. 1.3e-12;
Matches 57; Conservative 2; Mismatches 19; Indels 9; Gaps 2;
```

```
QY      1 MEEAIVPCVLGILLPIILMMLALCVHCHRLPGSYDSTSSDLYRGIOFKRPHVTVAW 60
      |||||
DB      80 MEEAIVPCVLGILLPIILMMLALCVHCHRLPGSYDSTSSDLYRGIOFKRPHVTVAW 60
      |||||
QY      61 PPAYPVTSYPPISQDLPPIRSPQP 87
      |||||
DB      134 SHCCPLATCLPTC---HLPTPEPARP 157
      |||||
```

```
RESULT 7
US-10-437-963-174234
; Sequence 174234, Application US/10437963
; Publication No. US2004012343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: Plants and Uses Thereof for Plant Improvement
; CURRENT APPLICATION NUMBER: US/10/437,963
; PRIOR FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 174234
; LENGTH: 311
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(311)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_72195C.1.pep
US-10-437-963-174234
```

```
Query Match      10.1%; Score 123.5; DB 16; Length 311;
Best Local Similarity 23.1%; Pred. No. 0.18;
Matches 46; Conservative 30; Mismatches 84; Indels 39; Gaps 6;
```

```
QY      60 WPPAYPVTSYPPISQDLP---LLPTPRSPQPIGSHRTSSRRDDDGANSVASYENREPA 116
      |||||
DB      53 WAPAPLTTRSMADVEDDDDDXYFATTAPRPVWGTHHHAADDDHDEQALDEBLESE 112
      |||||
QY      117 CEDADDEDDDYNNPGYLVLPDSTPA---TSTAAPSAPALSTPG----- 157
      |||||
DB      113 DEVDDDADDEHNN---ETEDATAPERPAMNKAAPAPKOTENQSLKKELEEL 168
      |||||
QY      158 ---IRDSAPSMESIDYVNVPSGSAEASLDSGRYVNVSOELHPGAKTPEPALSSQE 214
      |||||
DB      169 DAILAELELSKSNDAQWETNGKGAEOADGE-----NREGAPAPAESK---SSKK 218
      |||||
QY      215 AEEVEBEGAPDVENIOELN 233
      |||||
DB      219 KXAKKDKSAKEAKETOELN 237
      |||||
```

```
RESULT 8
US-10-425-114-63328
; Sequence 63328, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
US-10-425-114-63328
```

```

; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(5313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 63228
; LENGTH: 371
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB180-024-A2_F11.pep
US-10-425-114-63228
```

```

Query Match          9.8%; Score 120.5; DB 15; Length 371;
Best Local Similarity 25.2%; Pred. No. 0.39;
Matches 62; Conservative 31; Mismatches 102; Indels 51; Gaps 11;
```

```

QY      10  VLGLLLPLIAMLALCVCH--RLPGSYDSTSSDLYPRGIQFKRPHTVAPW-DPAYP 65
      11  VLAGILLALVA--MAVAVAHAHAHAPAHSPSEST-SPSEAPAGAPDAREMETPMSPAEA 67
DB      66  PVTGYPLSQPDLPIPRSPQPLGSHRTSSRRDSDGANSVA-SYENEPAC-----ED 119
      68  PV-----LYGNAAPAAPEEGAPAMPGFDPANGPAASPEED 107
QY      120  ADEDEDYHNPGLVLPDSTPATSTAA--PSAPALSTPGIRDSAFSMESIDYVNVPE 176
      108  ATMAVDYDANGSTAPEBEVAPAPAPVDANGPAASEVAPPMAPDLSASASESP 167
DB      177  SGE-----SAEASLDGSRBYNVSGELHPGAK-----TEPALSSGEAEVEE--E 221
      168  EAPTMADLSPSASEAPEBEAPTMADLSPSASEAEBEELPTMAPDLSPVASESPETPA 227
QY      222  GAPDYE 227
DB      228  GAPEFE 233
```

RESULT 9

```

US-10-437-963-146700
; Sequence 146700, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 146700
; LENGTH: 468
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)-(468)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_4729C.1.pep
US-10-437-963-146700
```

```

Query Match          9.8%; Score 120.5; DB 16; Length 468;
Best Local Similarity 24.9%; Pred. No. 0.52;
Matches 54; Conservative 28; Mismatches 82; Indels 53; Gaps 7;
```

```

QY      31  RUPGSYDSTSSDLYPRGIQFKRPHTVAPWPAPYPTVSYPPLSQPDLPIPRSPQLG 90
      6  RRPGSQ-----LARGQMARREVRARWLBELPTVGTPESTTXERMPKRVK---- 53
DB      91  SHRTSSRRDSDGANSVASYENEPACEDADEDEDYHNPGLVLPDSTPATSTAAPEA 150
      54  --EKVYRRKESDAGPDMMAEEGAEPSASVAEDGE-----GQAPSQPPAPAPSPS-SA 104
QY      151  PALSTPGIRDSAFSMESIDYVNVPESGESABA-----SLDGSREYVNVSGELHPGAKT 205
      105  PATS-----VQVPTADVAQAALQTRALNTSLNQLVYQAAAS 147
DB      206  EPAA-----LSQGEAEVEEAGAPDYENTQEL 232
      148  GPAAFTALAVQAQSLDPPAAQAEADMEARQNMTRL 184
```

RESULT 10

```

US-10-367-057-43
; Sequence 43, Application US/10367057
; Publication No. US20050100554A1
; GENERAL INFORMATION:
; APPLICANT: Cuthill, Scott;
; APPLICANT: Jackson, Amanda;
; APPLICANT: Lewin, David A.;
; APPLICANT: Ooi, Chean Eng
; TITLE OF INVENTION: Complexes and Methods of Using Same
; FILE REFERENCE: 21402-559
; CURRENT APPLICATION NUMBER: US/10/367,057
; CURRENT FILING DATE: 2003-02-14
; PRIOR APPLICATION NUMBER: 60/256,911
; PRIOR FILING DATE: 2002-02-14
; NUMBER OF SEQ ID NOS: 198
; SOFTWARE: Curaseqlist version 0.1
; SEQ ID NO 43
; LENGTH: 2127
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-367-057-43
```

```

Query Match          9.5%; Score 116; DB 17; Length 2127;
Best Local Similarity 24.9%; Pred. No. 7.6;
Matches 52; Conservative 20; Mismatches 85; Indels 52; Gaps 7;
```

```

QY      35  SYDSTSSDLYPRGIQFKRPHTVAPWPAPYPTVSYPPLSQPDLPIPRSPQ-PLGSHR 93
      1477  SFGSQOTNSTVP-----PSAPPTTAATPLPTSFPTLSPGSLSSATTPSLPMSAGRS 1529
DB      94  T-----PSSRRSDGANSVASYENEPACEDADEDEDYHNPGLVLPDSTPATST 145
      1530  TEATSSALPERKCGSEVASAASLLEEQSAQ-----LPQAPPQTS 1572
QY      146  AAPSAPALSTPGIRDS-----AFSMESIDYVNVPESGESABASLDSKREYVNS 195
      1573  SVKKEPVLAQPAVNSGTAASSTSLVAIAETPAATTGVPDA--RTEAVPPASSFSV--- 1627
DB      196  OELHPGAKTPEPALSSQGEAEVEEGAP 224
      1628  ---EGQTAVTAAAISSAGPVAVERTSSTP 1652
```

RESULT 11

```

US-10-128-714-3305
; Sequence 3305, Application US/10128714
; Publication No. US20030119013A1
; GENERAL INFORMATION:
; APPLICANT: Jiang, Bo
; APPLICANT: Hu, Wengli
; APPLICANT: Tishkoff, Daniel
```

Query Match	9.3%;	Score 114.5;	DB 14;	Length 1000;
Best Local Similarity	23.3%;	Pred. No. 3.9;		
Matches 49;	Conservative 32;	Mismatches 98;	Indels 31;	Gaps 8

3-10-437-963-131253

OTHER INFORMATION: Clone ID: PAT_MRT4530_33336C.1.pep
3-10-437-963-131253

RESULT 13
US-10-282-122A-69392
; Sequence 69392, Application US/10282122A

```

; NAME/KEY: MISC FEATURE
; LOCATION: (445)..(445)
;

```

OTHER INFORMATION: X=any amino acid
US-10-282-122A-69392

Query Match 9.3%; Score 113.5; DB 15; Length 735;
 Best Local Similarity 26.7%; Pred. No. 3.2;
 Matches 55; Conservative 22; Mismatches 80; Gaps 11;

```

QY      53  PPHTVAAPMPAPVPTSYPLSQPDLPLPRSQP-----LGSNHTPSRRSDG--- 103
Db      413  QPPAVAPAPAAVQPEAKAP--APQIKPEP-BPQPTTQACAGRRNNSAVERVVSAGRKA 469
QY      104  -----ANSVASYLENE-----EPACEDADEDEDYHNPGYLVLPLDSTPTSTA 146
Db      470  CRARARARARASCSEVEAEFPQEPVPAEYVLEIVSQPD-----LTPMAPAPASP 520
QY      147  APSAP-ALSTPGIRDSAFS--MESIDD--YVNVPSGSAEASLDGSRREYVNVSOELHP 200
Db      521  VPDAPQAGSPVEEQGVTPAMLEAIPDSAYILSAPMDRDEPPADD--DYVEPDIDIP 577
QY      201  GAAK--TEPALISSQEAEEVEEGAP 224
Db      578  ASYSYIDELAHESVVELAEVEDEPAP 603

```

RESULT 14
US-10-473-127-634

```

1  Sequence 634, Application US/10473127
2  Publication No. US200400236091A1
3  GENERAL INFORMATION:
4  APPLICANT: Zycos Inc.
5  TITLE OF INVENTION: TRANSLATIONAL PROFILING
6  FILE REFERENCE: 08191-026W01
7  CURRENT APPLICATION NUMBER: US/10/473,127
8  CURRENT FILING DATE: 2003-09-26
9  PRIOR APPLICATION NUMBER: 60/279,495
10 PRIOR FILING DATE: 2001-03-28
11 PRIOR APPLICATION NUMBER: 60/292,544
12 PRIOR FILING DATE: 2001-05-21
13 PRIOR APPLICATION NUMBER: 60/310,801
14 PRIOR FILING DATE: 2001-08-08
15 PRIOR APPLICATION NUMBER: 60/336,370
16 PRIOR FILING DATE: 2001-10-01
17 PRIOR APPLICATION NUMBER: 60/336,780
18 PRIOR FILING DATE: 2001-12-04
19 PRIOR APPLICATION NUMBER: 60/358,985
20 PRIOR FILING DATE: 2002-02-20
21 NUMBER OF SEQ ID NOS: 2041
22 SOFTWARE: FastSeq for Windows Version 4.0
23 SEQ ID NO 634
24 LENGTH: 2414
25 TYPE: PRT
26 ORGANISM: Homo sapiens
27 US-10-473-127-634

```

Query Match 9.3%; Score 113.5; DB 16; Length 2414;
 Best Local Similarity 24.2%; Pred. No. 14;
 Matches 55; Conservative 24; Mismatches 103; Indels 45; Gaps 9

Qy	27	YHCHLLPGSDYDSTSSDLXPRGIQFRKHTVAWMPRA-YRPLYSYF-PLSQPDLLEPRRS	84
Db	817	IHCPLPQPALHONSBPVPS--RTPLPHHTPRPSIGAQORPATTTAIPAVPTPRAMPSPGQ	874
Qy	85	POPLGSHRTPSSRRSDSGANSVASAYENEAPACEDGDEDEDYHNPGYLVLLEDSRPAVS	144
Db	875	SOAL---HPPRQTPRPPTTQLPQVQVPSFLPAAPASDQPCQ-----PRSQOSTA	921
Qy	145	TAAPS-----APALSTPGIRDSAFMSIESIDYVAVPESGESAASLSDGREYVNV	194
Db	922	ASVPLPNAFLPQPQATPLSQPAV-----SIEGQVNPPESTTSIEVNSQAIAE-KQP	972
Qy	195	SOEL-----HFGAKTEPRALSSQGAEEVEEGADYENLQEL	232
Db	973	SOEVGMEAKMEVDQEPADTOPEEDLSSEKQEDCKMSTETEEESTEL	1019

RESULT 15

```

? Sequence 641, Application US/10473127
? Publication No. US20040236091A1
? GENERAL INFORMATION:
? APPLICANT: 2ycos Inc.
? TITLE OF INVENTION: TRANSLATIONAL PROFILING
? FILE REFERENCE: 08191-026W01
? CURRENT APPLICATION NUMBER: US/10/473,127
? CURRENT FILING DATE: 2003-09-26
? PRIOR APPLICATION NUMBER: 60/279,495
? PRIOR FILING DATE: 2001-03-28
? PRIOR APPLICATION NUMBER: 60/282,544
? PRIOR FILING DATE: 2001-05-21
? PRIOR APPLICATION NUMBER: 60/310,801
? PRIOR FILING DATE: 2001-08-08
? PRIOR APPLICATION NUMBER: 60/336,370
? PRIOR FILING DATE: 2001-10-01
? PRIOR APPLICATION NUMBER: 60/336,780
? PRIOR FILING DATE: 2001-12-04
? PRIOR APPLICATION NUMBER: 60/358,985
? PRIOR FILING DATE: 2002-02-20
? NUMBER OF SEQ ID NOS: 2041
? SOFTWARE: FastSeq for Windows Version 4.0
? SEQ ID NO 641
? LENGTH: 2414
? TYPE: PRT
? ORGANISM: Homo sapiens
? US-10-473-127-641

```

	Query Match	9.3%	Score 113.5	DB 16	Length 2414
	Similarity	24.2%	Pred. NO. 14		
	Match	Local	Conservative	24	Mismatches 103
					Indels 45
					Gaps 9
Qy	27	VHCHRLPESSYSTSDSLYPRGIGQFKRHVTAWMPMPA-YPPETSY-P-ELSCDILLPIRS	84		
Db	817	IHCQLGPQALHQNSSPVPSS--RTPTPHHTPTSGAQPPATITTPAVTPPMPAPPGQ	874		
Qy	85	POPLGGSHRTSSRRDSDGANSVASYENEPACEDADEDEDYHNGYLVLPDSTPAT	144		
Db	875	SQLA--HPPRQGTPTPTPTTQLPQOVQCSLPAASADOPQOO--PFRQOSTA	921		
Qy	145	TAAPS-----APALSTPGIRDSAFMSIESIDYVNPBEGSGAESLSDGSREYVNV	194		
Db	922	ASVTPPPNAPLPPQDPATPLSQPAV-----SIEGQVSNPPTSTSTEVNSQALAE-KOP	972		
Qy	195	SOEL-----HPGAAKTEPALSSQEAEEVEEGAPDYENIQEL	232		
Db	973	SOEYVMEAKMEVDQPEPADTQPEDISKESKVDCKMEKSTETETERSTEL	1019		

Search completed: September 13, 2005, 16:03:19
Job time : 165 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: September 15, 2005, 08:50:03 ; Search time 4091 Seconds
(without alignments)
1726.308 Million cell updates/sec

Title: US-09-597-920B-1

Perfect score: 1060

Sequence: 1 gactctgcctctgaaggcc.....aaaaaaaaaaaaaaaa 1060

Scoring table:

IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 7389322 seqs, 333128559 residues

Total number of hits satisfying chosen parameters: 14778644

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications NA:*

1: /cgn2_6/prodata/2/pubpna/US07_PUBCOMB.seq:*
2: /cgn2_6/prodata/2/pubpna/PCT_NEW_PUB.seq:*
3: /cgn2_6/prodata/2/pubpna/US06_NEW_PUB.seq:*
4: /cgn2_6/prodata/2/pubpna/US06_PUBCOMB.seq:*
5: /cgn2_6/prodata/2/pubpna/US07_NEW_PUB.seq:*
6: /cgn2_6/prodata/2/pubpna/PCTUS_PUBCOMB.seq:*
7: /cgn2_6/prodata/2/pubpna/US08_NEW_PUB.seq:*
8: /cgn2_6/prodata/2/pubpna/US08_PUBCOMB.seq:*
9: /cgn2_6/prodata/2/pubpna/US09_PUBCOMB.seq:*
10: /cgn2_6/prodata/2/pubpna/US09B_PUBCOMB.seq:*
11: /cgn2_6/prodata/2/pubpna/US09C_PUBCOMB.seq:*
12: /cgn2_6/prodata/2/pubpna/US09_NEW_PUB.seq:*
13: /cgn2_6/prodata/2/pubpna/US10_PUBCOMB.seq:*
14: /cgn2_6/prodata/2/pubpna/US10B_PUBCOMB.seq:*
15: /cgn2_6/prodata/2/pubpna/US10C_PUBCOMB.seq:*
16: /cgn2_6/prodata/2/pubpna/US10D_PUBCOMB.seq:*
17: /cgn2_6/prodata/2/pubpna/US10E_PUBCOMB.seq:*
18: /cgn2_6/prodata/2/pubpna/US10F_PUBCOMB.seq:*
19: /cgn2_6/prodata/2/pubpna/US10G_PUBCOMB.seq:*
20: /cgn2_6/prodata/2/pubpna/US10H_PUBCOMB.seq:*
21: /cgn2_6/prodata/2/pubpna/US10I_PUBCOMB.seq:*
22: /cgn2_6/prodata/2/pubpna/US10J_NEW_PUB.seq:*
23: /cgn2_6/prodata/2/pubpna/US11_PUBCOMB.seq:*
24: /cgn2_6/prodata/2/pubpna/US11A_PUBCOMB.seq:*
25: /cgn2_6/prodata/2/pubpna/US60_NEW_PUB.seq:*
26: /cgn2_6/prodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	949.2	89.5	1224	9	US-09-739-907-13
2	949.2	89.5	1224	11	US-09-938-671-13
3	949.2	89.5	1224	21	US-10-935-098-13
4	932	87.9	1460	21	US-10-651-237-12
5	932	87.9	1460	21	US-10-782-413-12
6	932	87.9	1488	20	US-10-723-860-5712
7	454	42.8	518	20	US-10-723-860-1195

	C	8	454	42.8	518	22	US-10-756-149-1162	Sequence 1162, Ap
		9	424	40.0	457	15	US-10-102-524-1371	Sequence 1371, Ap
		10	416.8	39.3	528	18	US-10-641-643-565	Sequence 565, App
		11	271.6	25.6	319	9	US-09-796-692-5333	Sequence 5333, Ap
		12	271.6	25.6	319	14	US-10-040-862-5333	Sequence 5333, Ap
		13	271.6	25.6	319	17	US-10-057-475B-5333	Sequence 5333, Ap
		14	271.6	25.6	319	17	US-10-154-884B-5333	Sequence 5333, Ap
		15	271.6	25.6	319	19	US-10-764-324-5333	Sequence 5333, Ap
		16	208	19.6	421	9	US-09-796-692-5582	Sequence 5582, Ap
		17	208	19.6	421	14	US-10-040-862-5582	Sequence 5582, Ap
		18	208	19.6	421	17	US-10-057-475B-5582	Sequence 5582, Ap
		19	208	19.6	421	17	US-10-154-884B-5582	Sequence 5582, Ap
		20	208	19.6	421	17	US-10-764-324-5582	Sequence 5582, Ap
		21	205.2	19.4	400	17	US-10-242-533A-9083	Sequence 9083, Ap
		22	205.2	19.4	400	18	US-10-085-783A-9083	Sequence 9083, Ap
		23	117	11.0	117	9	US-09-796-692-5736	Sequence 5736, Ap
		24	117	11.0	117	14	US-10-040-862-5736	Sequence 5736, Ap
		25	117	11.0	117	17	US-10-057-475B-5736	Sequence 5736, Ap
		26	117	11.0	117	17	US-10-154-884B-5736	Sequence 5736, Ap
		27	117	11.0	117	19	US-10-764-324-5736	Sequence 5736, Ap
		28	54.6	5.2	6307	21	US-10-502-332-1	Sequence 1, Appl
		29	54.2	5.1	314	22	US-10-756-149-2659	Sequence 2659, Ap
		30	49.6	4.7	2968	9	US-09-925-301-584	Sequence 584, App
		31	48.6	4.7	2968	15	US-10-106-698-1500	Sequence 1500, Ap
		32	48.8	4.6	500	20	US-10-425-115-83126	Sequence 83126, A
		33	47.4	4.5	1419	19	US-10-437-963-25990	Sequence 25990, A
		34	47.4	4.5	3196	9	US-09-782-980-50	Sequence 50, Appl
		35	47.4	4.5	3196	19	US-10-806-018-50	Sequence 50, Appl
		36	46.6	4.4	227	20	US-10-357-930-56558	Sequence 56558, A
		37	46	4.3	203	20	US-10-10-357-930-47892	Sequence 47892, A
		38	46	4.3	477	10	US-09-918-995-10907	Sequence 10907, A
		39	45.8	4.3	2022	19	US-10-437-963-21276	Sequence 21276, A
		40	45.6	4.3	468	10	US-09-918-995-21830	Sequence 21830, A
		41	45.6	4.3	599	22	US-10-972-079-94492	Sequence 94492, A
		42	45	4.2	496	18	US-10-240-425-154	Sequence 154, App
		43	45	4.2	777	14	US-10-184-644-348	Sequence 348, App
		44	45	4.2	777	14	US-10-184-634-348	Sequence 348, App
		45	44.8	4.2	173	9	US-09-834-975-589	Sequence 589, App

ALIGNMENTS

RESULT 1
US-09-739-907-13
; Sequence 13, Application US/09739907
; Patent No. US20010012889A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 36 Human Secreted Proteins
; FILE REFERENCE: P2022P1
; CURRENT APPLICATION NUMBER: US/09/739,907
; CURRENT FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 09/348,457
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: 60/070,567
; PRIOR FILING DATE: 1998-01-07
; PRIOR APPLICATION NUMBER: 60/070,692
; PRIOR FILING DATE: 1998-01-07
; PRIOR APPLICATION NUMBER: 60/070,704
; PRIOR FILING DATE: 1998-01-07
; PRIOR APPLICATION NUMBER: 60/070,658
; PRIOR FILING DATE: 1998-01-07
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 1224
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (1205)
; OTHER INFORMATION: n equals a,t,g, or c

QY	694	CAGGAGCGAGAGGAAGTGGAGGAAGGGGGCTCCAGATTACAGAAATCTGCAGAGCTG	755
Db	802	CAGGAGCGAGAGGAAGTGGAGGAAGGGGGCTCCAGATTACAGAAATCTGCAGAGCTG	861
QY	754	AACTGAGGGCTGTGTGAGGCGGAGTCTGTCTCTGGAACAGGCTTGGCTGGGACGGCTGAG	813
Db	862	AACTGAGGGCTGTGTGAGGCGGAGTCTGTCTCTGGAACAGGCTTGGCTGGGACGGCTGAG	921
QY	814	CTGGGACAGCTGGAAGTGGCTCTGGGGTCTTCACATGGCGTCTGGCTTGTGCTCAGCTG	873
Db	922	CTGGGCAAGCTGGAAGTGGCTCTGGGGTCTTCACATGGCGTCTGGCTTGTGCTCAGCTG	981
QY	874	ACAACAGCTTGAGAAATCCCCCGTAATTATATATCACTTTGGGGTTGGCCTGTGTCC	933
Db	982	ACAACAGCTTGAGAAATCCCCCGTAATTATATATCACTTTGGGGTTGGCCTGTGTCC	1041
QY	934	CGGAAGCTGTGCACCTTCTGACGAGGCTGGAATGACCTGACCCTGAGCCAGCCCTAC	993
Db	1042	CGGAAGCTGTGCACCTTCTGACGAGGCTGGAATGACCTGACCCTGAGCCAGCCCTAC	1101
QY	994	TCTGTGTATATAGATTAAGGCTGCGTGTGTCTGTG	1029
Db	1102	TCTGTGTATAGATTAAGGCTGCGTGTGTCTGTG	1137

```

RESULT 7
US-10-723-860-1195/c
; Sequence 1195, Application US/10723860
; Publication No. US20040253606a1
; GENERAL INFORMATION:
; APPLICANT: Aziz, Natasha
; APPLICANT: Gineburg, Wendy M.
; APPLICANT: Zlocnik, Albert
; TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions &
; TITLE OF INVENTION: Methods for Screening for Soft Tissue Sarcoma Modulators
; FILE REFERENCE: 05882.0193.NPUS01
; CURRENT APPLICATION NUMBER: US/10/723, 860
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: 60/4429, 739
; PRIOR FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 8393
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1195
; LENGTH: 518
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-860-1195

```

Query Match 42.8%; Score 454; DB 20; Length 518;

Best Local Similarity 92.3%; Pred. No. 1,3e-119,
Matches 478; Conservative 0; Mismatches 40; Indels 0; Gaps 0

QY	520	ACCCCTGGCATCGAGAGAGTGGTCTTCATCGAGACATTCATGATGATTAACGGAAAGTT	579
Db	518	ACTCATGATCATTCAGTCCGTGGCTTCTCCATTACGTAACCATATATCTACCTGACCGTT <td>459</td>	459
QY	580	CCGAGAGCGGGGAGAGCCGACAGAGCGCTCTTGATGGCAGCCGGAGTATGTGAATGTG <td>639</td>	639
Db	458	CCCCAGAGCGGGCAGAGTGCATTAAGCGTCTCTGTATGGCGCGCGTAGTATGTGCAATTG <td>399</td>	399
QY	640	TCCGAGGAATGTCATCTCTGGAGGGGTAGACCTGAGACCTGCGCCCTGAGTTCCGAGAG <td>699</td>	699
Db	398	TCCAGGCATTGCTATCTGAAACGGCTTAAGACTGACCTGCGCCCTGAGATTCGACAGAG <td>339</td>	339
QY	700	GCAGAGGAAGTGAGAGAGAGGGGGCTCCAGATTACAGAAATCTGCAGAGACTGAACCTGA <td>759</td>	759
Db	338	GCAGAGTAAGTGAGAGGAGAGGGGGCTCCAGATTACAGAAATCTGCAGAGGACTGAACCTGA <td>279</td>	279
QY	760	GGGCGCTGTGAGAGCCGAGTCTGTCTCTGGAAACCAAGGCTTGGCTGGAGACGGCTGAGCTGGGC <td>819</td>	819
Db	278	GGGCGCTGTGAGAGCCGAGTCTGTCTCTGGAAACCAAGGCTTGGCTGGAGACGGCTGAGCTGGGC <td>219</td>	219
QY	820	AGCTGAAGTGAGCTCTGGGGTCTCTCATGATGGCTCTCTGCCCTTGTCTCCAGCCGTGACAA <td>879</td>	879

Accession	Sequence	Position
D8	AGCTGAAAGTGGCTCTGGGGGTCTCACAATGGCGTCTGCCCTTGTCTCCAGCTGACACACA	158
OY	880 GCCTGAAATATCCCGGTAATTAATATCACTTTGGGGTTGGCCTGTGTCCCCGAAAC	939
D8	158 GCGTGAATAATCCCCCGTAACTTATATCACTTTGGGGTTGGCCTGTGTCCCCGAAAC	99
OY	940 GCTCTGACACTTCTGACGAGCCTAGATATGACCTGGCCTGGCCCAAGCCTACTCTGTG	959
D8	98 GCTCTGACACTTCTGACGAGCCTAGATATGACCTGGCCTGGCCCAAGCCTACTCTGTG	39
OY	1000 TAATAGATTAAGGCTCGCTGTGTCTGTGCAAAAAA	1037
D8	38 TAATAGATTAAGGCTCGCTGTGTCTGTGTAATAA	1

```

RESULT 8
US-10-756-149-1162/C
; Sequence 1162, Application US/10756149
; Publication NO. US20050181375A1
; GENERAL INFORMATION:
; APPLICANT: Aziz, Natasha
; APPLICANT: Zlotnik, Albert
; TITLE OF INVENTION: NOVEL METHODS OF DIAGNOSIS OF METASTATIC CANCER, COMPOSITE
; TITLE OF INVENTION: METHODS OF SCREENING FOR MODULATORS OF METASTATIC CANCER
; FILE REFERENCE: file
; CURRENT APPLICATION NUMBER: US/10/756,149
; CURRENT FILING DATE: 2004-01-12
; NUMBER OF SEQ ID NOS: 5818
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1162
; LENGTH: 518
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-756-149-1162

```

Query Match	42.8%; Score 454; DB 22; Length 518;
-------------	--------------------------------------

Best Local Similarity 92.3%; Pred. No. 1.3e-119;
Matches 478; Conservative 0; Mismatches 40; Indels 0; Gaps 0

QY	520	ACCCCTGGATCCGAGACAGAGCCCTTCTCCANAGAGCTCAATGATGATTAACGGAAGTT	579
Ds	518	ACTCCATGATCTCAATCCGATCCGTCTCTCCATTAGTACATGATATCTACCTGACCGTT	459
QY	580	CCGAGAGCGGGAGAGCCGACAGACCGTCTCTGATGGCAGCCGGAGTATGTGATGTG	639
Ds	458	CCCCAGCGGGGAGAGTGCATTAAGCGTCTCTGATGGCCGCCGCTAGTATGTGCATTTG	399
QY	640	TCCCAGAACTGATCTCTGGAGCGGCTTAAGCTAGCGCTGGCCGCTGAGTTCCACAGAG	699
Ds	398	TCCAGGCATTTGATCTCTGGAACGGCTTAAGCTAGCGCTGGCCCTGAGTTCCACAGAG	339
QY	700	GCAGAGAAATGGAGGAGAGGGGGCTCCAGATTACGAAATCTGCAGAGCTGAATCTGA	759
Ds	338	GCAGAGTAAGTGGAGGAGAGGGGGCTCCAGATTACGAAATCTGCAGAGCTGAATCTGA	279
QY	760	GGGCGCTGTGGAGGCGGAGTCTGTCTCTGGAACACAGGCTTGCTGGGACGGCTGAGCTGGGC	819
Ds	278	GGGCGCTGTGGAGGCGGAGTCTGTCTCTGGAACACAGGCTTGCTGGGACGGCTGAGCTGGGC	219
QY	820	AGCTGGAAGTGGCTCTGGGGGTCTTCACATGGGCGTCTGGCCCTTCTCCAGCTGACAAACA	879
Ds	218	AGCTGGAAGTGGCTCTGGGGGTCTTCACATGGGCGTCTGGCCCTTCTCCAGCTGACAAACA	159
QY	880	GCCGTGAAGAAATCCCCCGTAATTATATCACTTTGGGTTGGGCTGTGTGCCCGGAC	939
Ds	158	GCCGTGAAGAAATCCCCCGTAATTATATCACTTTGGGTTGGGCTGTGTGCCCGGAC	99
QY	940	GCCTTGACACTTCTGACGAGCGCTAGAGATACCGCCCTGGGCCCGACGCTACTCTGTG	999
Ds	98	GCCTTGACACTTCTGACGAGCGCTAGAGATACCGCCCTGGGCCCGACGCTACTCTGTG	39
QY	1000	TAATAGAAATTAAGGCGCTGGCTGTCTCTGTGGAAAAAAA	1037


```
Db      361 CAGCCTGGAAGATGACTGCGCTTCCGCCCGCCACGCTACTGTGTATAGATAAAGGCTTG 420
QY      1018 CGTGTGTCTGTG 1029
Db      421 CGTGTGTCTATG 432
```

RESULT 11

```
US-09-796-692-5333
; Sequence 5333, Application US/09796692
; Publication No. US20020198362A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND THERAPY
; FILE REFERENCE: 2077.001200
; CURRENT APPLICATION NUMBER: US/09/796,692
; PRIOR FILING DATE: 2001-03-01
; PRIOR APPLICATION NUMBER: 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/222,903
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: 60/223,416
; PRIOR FILING DATE: 2000-08-04
; PRIOR APPLICATION NUMBER: 60/223,378
; PRIOR FILING DATE: 2000-08-07
; NUMBER OF SEQ ID NOS: 9597
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5333
; LENGTH: 319
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-796-692-5333
```

```
Query Match      25.6%; Score 271.6; DB 9; Length 319;
Best Local Similarity 98.6%; Pred. No. 2e-67;
Matches 274; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      544 TTCTCATGAGACGTCATTGATGATTCGTAAGCTTCCGAGAGCGGGAGAGCGGAGAA 603
Db      421 TCACAGTGGAGTCATTGATGATTCGTAAGCTTCCGAGAGCGGGAGAGCGGAGAA 101
QY      604 GCGTCTCTGGATGGACGCGGAGATGTAATGTGTCTCCAGAACTGCATCTTGAGGCG 663
Db      102 GCGTCTCTGGATGGACGCGGAGATGTAATGTGTCTCCAGAACTGCATCTTGAGGCG 161
QY      664 GCTAAGACTGAGCTCGCGCCCTGAGTTCCAGAGAGGAGGAAGTGAGAGAGAGGGG 723
Db      162 GCTAAGACTGAGCTCGCGCCCTGAGTTCCAGAGAGGAGGAAGTGAGAGAGAGGGG 221
QY      724 GCTCCAGATTACGAGAACTGCGAGAGCTGAACTGAGAGGCGCTTGAGAGCGCGAGTCTGTC 783
Db      222 GCTCCAGATTACGAGAACTGCGAGAGCTGAACTGAGAGGCGCTTGAGAGCGCGAGTCTGTC 281
```

```
QY      784 CTGAACACAGCGCTTGCTGGAGCGGCTGAGCTGAGGACG 821
Db      282 CTGAACACAGCGCTTGCTGGAGCGGCTGAGCTGAGGACG 319
```

RESULT 12

```
US-10-040-862-5333
; Sequence 5333, Application US/10040862
; Publication No. US20030078396A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Retter, Marc
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE REFERENCE: 014058-013520US
; CURRENT APPLICATION NUMBER: US/10/040,862
; PRIOR FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: US 60/223,416
; PRIOR FILING DATE: 2000-08-04
; PRIOR APPLICATION NUMBER: US 60/223,378
; PRIOR FILING DATE: 2000-08-07
; PRIOR APPLICATION NUMBER: US 09/796,692
; NUMBER OF SEQ ID NOS: 10467
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5333
; LENGTH: 319
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-040-862-5333
```

```
Query Match      25.6%; Score 271.6; DB 14; Length 319;
Best Local Similarity 98.6%; Pred. No. 2e-67;
Matches 274; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      544 TTCTCATGAGACGTCATTGATGATTCGTAAGCTTCCGAGAGCGGGAGAGCGGAGAA 603
Db      421 TCACAGTGGAGTCATTGATGATTCGTAAGCTTCCGAGAGCGGGAGAGCGGAGAA 101
QY      604 GCGTCTCTGGATGGACGCGGAGATGTAATGTGTCTCCAGAACTGCATCTTGAGGCG 663
Db      102 GCGTCTCTGGATGGACGCGGAGATGTAATGTGTCTCCAGAACTGCATCTTGAGGCG 161
QY      664 GCTAAGACTGAGCTCGCGCCCTGAGTTCCAGAGAGGAGGAAGTGAGAGAGAGGGG 723
Db      162 GCTAAGACTGAGCTCGCGCCCTGAGTTCCAGAGAGGAGGAAGTGAGAGAGAGGGG 221
QY      724 GCTCCAGATTACGAGAACTGCGAGAGCTGAACTGAGAGGCGCTTGAGAGCGCGAGTCTGTC 783
Db      222 GCTCCAGATTACGAGAACTGCGAGAGCTGAACTGAGAGGCGCTTGAGAGCGCGAGTCTGTC 281
```

QY 784 CTGGAACCAAGGCTTGCTGGAGCGCTGAGCTGGGCGAG 821
Db 282 CTGGAACCAAGGCTTGCTGGAGCGCTGAGCTGGGCGAG 319

RESULT 13

US-10-057-475B-5333
Sequence 5333, Application US/10057475B
Publication No. US20040002068A1
GENERAL INFORMATION:
APPLICANT: Gaiger, Alexander
APPLICANT: Algate, Paul A.
APPLICANT: Mannion, Jane
APPLICANT: Clapper, Jonathan David
APPLICANT: Wang, Aijun
APPLICANT: Ordonez, Nadia
APPLICANT: Carter, Lauren
APPLICANT: McNeill, Patricia Dianne
APPLICANT: Corixa Corporation
TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
FILE REFERENCE: 014058-014402US
CURRENT APPLICATION NUMBER: US/10/057,475B
CURRENT FILING DATE: 2002-01-22
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: US 60/190,479
PRIOR FILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: US 60/200,545
PRIOR FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: US 60/200,303
PRIOR FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: US 60/200,779
PRIOR FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: US 60/200,999
PRIOR FILING DATE: 2000-05-01
PRIOR APPLICATION NUMBER: US 60/202,084
PRIOR FILING DATE: 2000-05-04
PRIOR APPLICATION NUMBER: US 60/206,201
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: US 60/218,950
PRIOR FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: US 60/222,903
PRIOR FILING DATE: 2000-08-03
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 10979
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 5333
LENGTH: 319
TYPE: DNA
ORGANISM: Homo sapiens
US-10-057-475B-5333

Query Match 25.6%; Score 271.6; DB 17; Length 319;
Best Local Similarity 98.6%; Pred. No. 2e-67;

Matches 274; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 544 TTCTCCATGAGAGTCATTTGATGATTAAGTGAACGTTCCGAGAGCGGGAGAGCCGAGAA 603
Db 42 TCACAGTGAAGTCATTTGATGATTAAGTGAACGTTCCGAGAGCGGGAGAGCCGAGAA 101
QY 604 GCGTCTCTGAGTGGCAGCGCGGAGATGTGATGTGTCCAGGAATGCAATCTGAGAGCG 663
Db 102 GCGTCTCTGAGTGGCAGCGCGGAGATGTGATGTGTCCAGGAATGCAATCTGAGAGCG 161
QY 664 GCTAAGACTGAGCTGCGCGCTGAGTTCCAGAGGCGAGGAAGTGAAGAGAGGAGG 723
Db 162 GCTAAGACTGAGCTGCGCGCTGAGTTCCAGAGGCGAGGAAGTGAAGAGAGGAGG 221
QY 724 GCTCAGATTACGAGAACTGACAGAGCTGAAGCTGAGAGGCTGTGAGAGCCGAGTGTTC 783
Db 222 GCTCAGATTACGAGAACTGACAGAGCTGAAGCTGAGAGGCTGTGAGAGCCGAGTGTTC 281

QY 784 CTGGAACCAAGGCTTGCTGGAGCGCTGAGCTGGGCGAG 821
Db 282 CTGGAACCAAGGCTTGCTGGAGCGCTGAGCTGGGCGAG 319

RESULT 14

US-10-154-884B-5333
Sequence 5333, Application US/10154884B
Publication No. US20040005561A1
GENERAL INFORMATION:
APPLICANT: Gaiger, Alexander
APPLICANT: Algate, Paul A.
APPLICANT: Mannion, Jane
APPLICANT: Retter, Marc W.
APPLICANT: Corixa Corporation
TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
FILE REFERENCE: 014058-013521US
CURRENT APPLICATION NUMBER: US/10/154,884B
CURRENT FILING DATE: 2002-05-23
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: US 60/186,126
PRIOR FILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: US 60/190,479
PRIOR FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: US 60/200,545
PRIOR FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: US 60/200,303
PRIOR FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: US 60/200,779
PRIOR FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: US 60/200,999
PRIOR FILING DATE: 2000-05-01
PRIOR APPLICATION NUMBER: US 60/202,084
PRIOR FILING DATE: 2000-05-04
PRIOR APPLICATION NUMBER: US 60/206,201
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: US 60/218,950
PRIOR FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: US 60/222,903
PRIOR FILING DATE: 2000-08-03
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 11290
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 5333
LENGTH: 319
TYPE: DNA
ORGANISM: Homo sapiens
US-10-154-884B-5333

Query Match 25.6%; Score 271.6; DB 17; Length 319;
Best Local Similarity 98.6%; Pred. No. 2e-67;

Matches 274; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 544 TTCTCCATGAGAGTCATTTGATGATTAAGTGAACGTTCCGAGAGCGGGAGAGCCGAGAA 603
Db 42 TCACAGTGAAGTCATTTGATGATTAAGTGAACGTTCCGAGAGCGGGAGAGCCGAGAA 101
QY 604 GCGTCTCTGAGTGGCAGCGCGGAGATGTGATGTGTCCAGGAATGCAATCTGAGAGCG 663
Db 102 GCGTCTCTGAGTGGCAGCGCGGAGATGTGATGTGTCCAGGAATGCAATCTGAGAGCG 161
QY 664 GCTAAGACTGAGCTGCGCGCTGAGTTCCAGAGGCGAGGAAGTGAAGAGAGGAGG 723
Db 162 GCTAAGACTGAGCTGCGCGCTGAGTTCCAGAGGCGAGGAAGTGAAGAGAGGAGG 221
QY 724 GCTCAGATTACGAGAACTGACAGAGCTGAAGCTGAGAGGCTGTGAGAGCCGAGTGTTC 783
Db 222 GCTCAGATTACGAGAACTGACAGAGCTGAAGCTGAGAGGCTGTGAGAGCCGAGTGTTC 281
QY 784 CTGGAACCAAGGCTTGCTGGAGCGCTGAGCTGGGCGAG 821
Db 282 CTGGAACCAAGGCTTGCTGGAGCGCTGAGCTGGGCGAG 319

